

AMES



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Riddle Maze

Start at the word "WHAT" in the center, and find the path that leads to the exit at the bottom. The words in your path, read in order, will form a riddle. Can you solve it?

Answer, page 60

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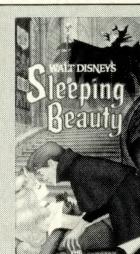
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JANUARY 1987

GAMES



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DIFFICULTY RATING

Smooth Sailing ★ Uphill Climb ★★ Proceed at Your Own Risk ★★★ Mixed Bag ★☆

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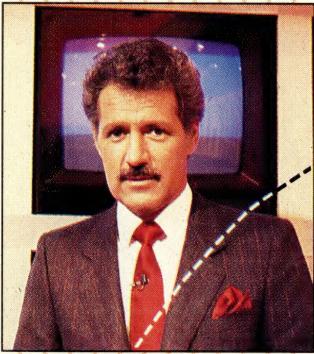
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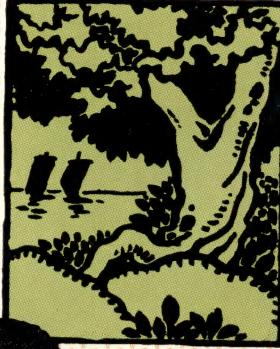
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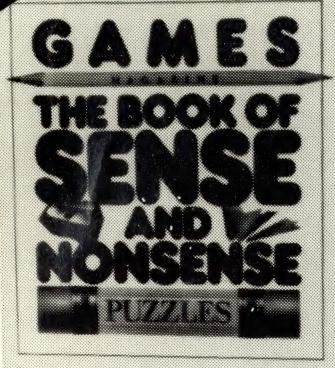
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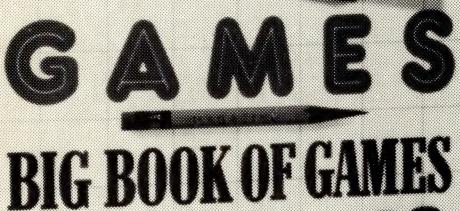
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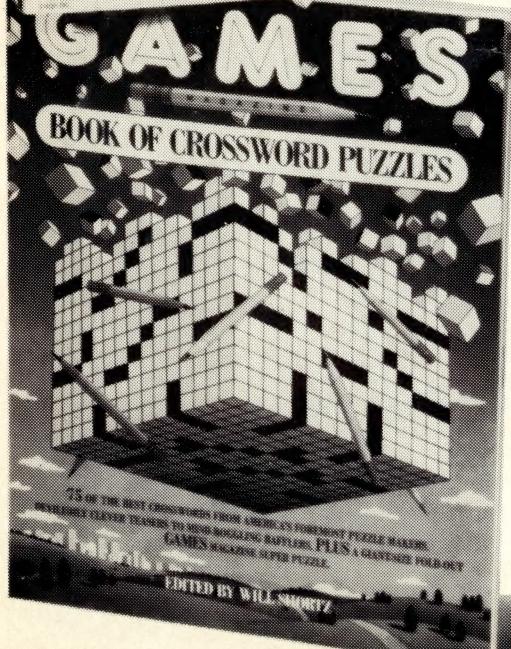
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More Than Just A Game

Do you ever feel that playing a game or working on a puzzle is wasting time? Maybe you shouldn't. There is good reason to believe that the mental stimulation provided by games and puzzles can benefit the mind just as physical exercise benefits the body. Mental challenges keep our intellects sharp, teach us to develop new concepts, and may even help us improve our ability to learn.

Consider the thought processes involved in solving a word puzzle like the following:

Fill in the blanks with the same common three-letter word, thereby forming a common eight-letter word: D _____ T _____.

As you attempt this problem, do you search your mind for eight-letter words starting with D? Do you first think of three-letter words and try fitting them in the blanks? Or do you use a more complicated approach?

Though some people can solve this puzzle at a glance, without consciously using any particular method, most people take anywhere from a few seconds to a few minutes—much less time, of course, if they're given a hint; such as, that the three-letter word starts with the letter O, or that the eight-letter word was once a popular song title, or that the answer is something found in a city.

Our brains' ability to solve such puzzles so quickly is remarkable. It's as though the human brain contains a network of little connections between sets of three-letter words, sets of eight-letter words, and sets of definitions of words—and that it can compare elements of the different sets and find any desired correlation. And the more puzzles of this type we do, the better we're able to solve them, and the better we're able to solve more complicated types, such as cryptic crosswords.

A similar effect is seen with strategy games. A game of chess can be thought of as a series of "What's the best move?" puzzles. The more one plays a game like chess, the easier it

becomes to find good moves with less and less deliberate thought. Top players can often come up with a good move merely by glancing at a position—even though the number of possible follow-up combinations is astronomical. Somehow, in a way not fully understood, good players are able to use their experience to recognize the most important features of a position, match them with a general type of plan, and choose a move that fits the plan—all in less than a second.

Experience also suggests that the process of getting better at one type of game helps one improve at other types of games. Learning how to find the strategic principles governing any new situation makes people better learners in general.

We were not surprised, then, that a study done in Africa a few years ago (see "Gymnasium of the Mind," July/August 1978 GAMES) found that students who were taught the game of chess and played for a year showed dramatic improvement on I.Q. tests. Last year, moreover, at Penn State University, researchers concluded after a 14-year study of persons aged 65-95 that solving crossword puzzles or playing games requiring mental effort can help the mind retain sharpness as a person grows older.

Other studies have found strong correlations between game playing ability and such mental skills as spatial visualization. Such correlations do not prove that game playing can improve mental acuity, but suggest a need for further research into that intriguing possibility.

We hope such research will continue. Meanwhile, the extent to which games and puzzles help develop and sharpen mental skills must remain speculative. But already it seems clear that time "wasted" playing games and solving puzzles could not be better spent.

The answer to the word puzzle, by the way, is DOWNTOWN.

R. Wayne Schmittberger
Editor

GAMES

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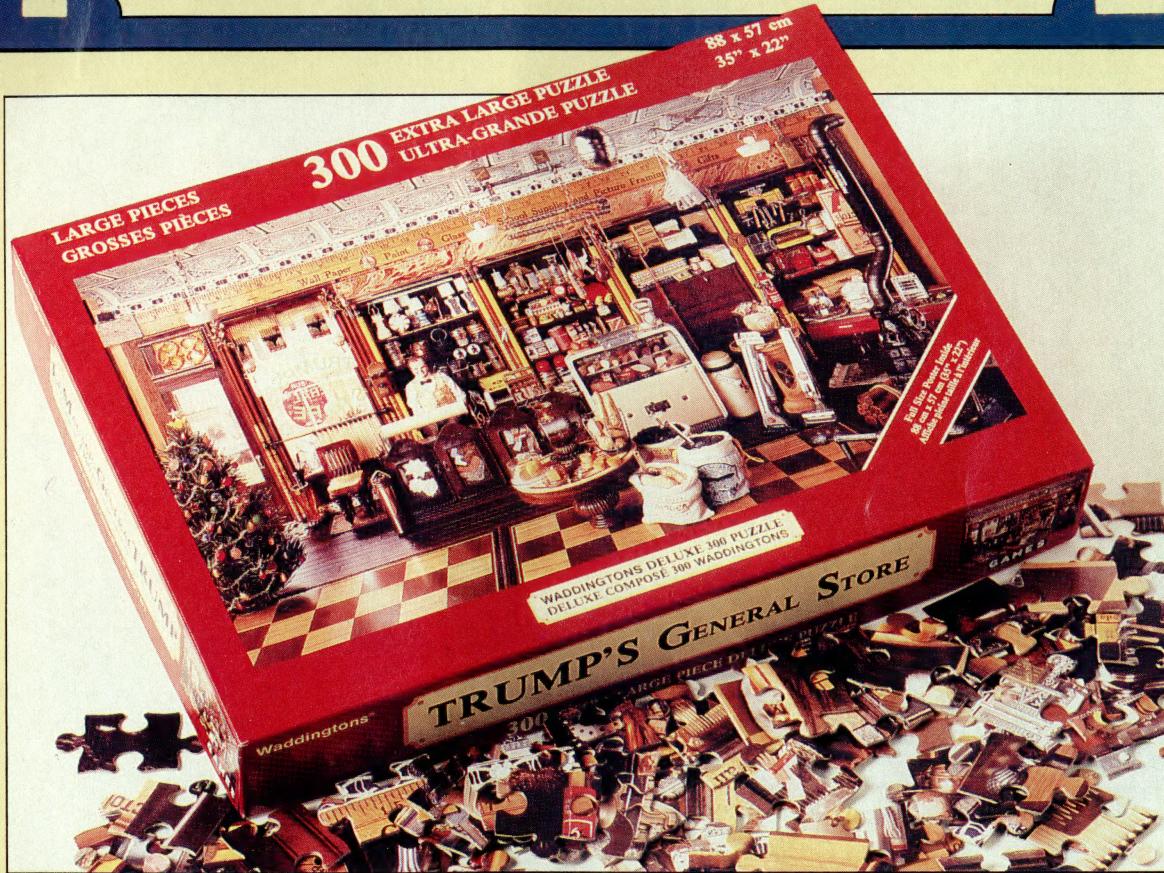
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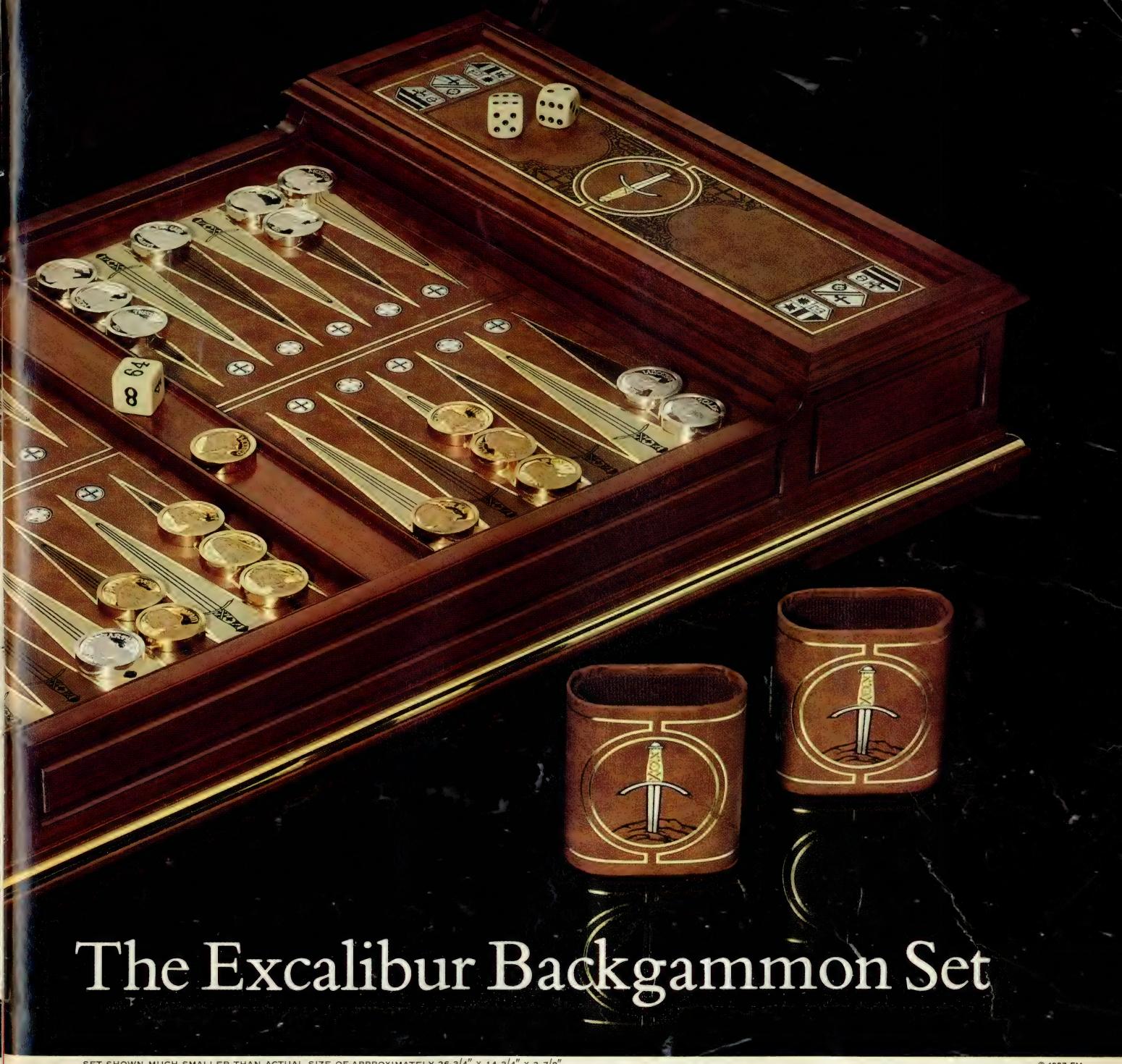
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LETTERS

ENVELOPE OF THE MONTH



Ken Reddinger
Norwich, CT

TUNDRA'S O' FUN

Well, you did it again. Your Calculatrvia IV contest of bizarre and demented trivial pursuits (July, page 12) put me in a frenzied and maniacal state, the likes of which I haven't experienced since your Nationwide Scavenger Hunt a few years ago.

This time, however, I received my copy of GAMES only nine days before I was to be heading to the High Arctic for 10 weeks—leaving too little time to do the research and send in the answers after my return. Thus I was put into the bind of having to find all 60 answers in just over a week, a week in which I was supposed to be preparing for a long stay in the Arctic.

I managed to answer 56 of the 60 questions, complete two categories, and still get ready for my trip. As I sit here on the tundra writing this letter, I feel like a fish out of water, for I have absolutely no resources with which to obtain the final four answers. So, with that thought in mind, please accept my entries, for although they may not be complete or even correct, it's not for lack of trying.

Peter Kelly

Polar Continental Shift Project
Resolute Bay, Northwest Territories
See the results of the Calculatrvia IV contest on page 50.—Ed.

DOWN FOR THE COUNT

I really enjoyed working on "The Word Factor" (Wild Cards, October, page 52). In that problem, a "word-factorable" number was defined as one which is evenly divisible by the length of its English-language name. For instance, 960 is word-factorable because "nine hundred sixty" has 16 letters, and 960 is evenly divisible by 16. (Spaces and hyphens are not counted.)

After discovering several pairs of consecutive word-factorable numbers, I wondered if there were any *triplets*; that is, three consecutive word-factorable numbers. I have discovered the lowest such sequence. Perhaps your readers (particularly those with personal computers) might enjoy looking for this sequence.

David Edelheit
Oyster Bay Cove, NY

ANSWER, PAGE 60

LOST AND FOUND

I've become completely frustrated in my search for September's Hidden Contest. I've looked everywhere. For instance, do you realize how many Morse code combinations are possible in that motorcycle exhaust on September's Contents page?

Frank McGinity
Baltimore, MD



Morse Code?

Enclosed please find a picture of a nine-down, my entry to the Hidden Contest. I always knew there was a reason we saved old *National Geographics*.

Jill M. Sorenson
Milwaukee, WI

The Contest Results on page 50 have the lowdown on September's Hidden Contest.—Ed.

FAMILY TRIES

Our family enjoyed the Cartoon Rebus contest (August, page 32) more than anything in the three years we've been subscribers. Each of my four children, ranging in age from 24 to 31, has a subscription and although we're normally scattered among four cities, we worked jointly on this one. Besides letters and phone calls, we also gathered for a wedding this summer and stayed up into the wee hours that weekend working out the answers. We wouldn't reveal what solutions we already had; we'd simply offer each other additional clues.

For me, the high point of solving a GAMES puzzle is when a group gathers to work it out together.

Mrs. Pierce Krouse
Kirbyville, TX

The solutions to August's Cartoon Rebus contest can be found in the Answers, page 57. But for an additional challenge, you'll find 12 winning rebuses sent in by readers on page 30.—Ed.

RESEARCHING THE ISSUES

Since the phony magazines from your "Issues and Answers" Call Our Bluff (November, page 16) are *Them* and *The Lions' Den*, then I take it there really is a magazine called *Lefthander* for lefties. Where may I write for a subscription?

Belinda Nimmo
Scarborough, Ontario

"Lefthander" magazine can be contacted at P.O. Box 8249, Topeka, KS 66608.—Ed.

LEARNED IT IN THE ALLEY

As a puzzle solver, I found the bowling sequence puzzle "Picture Frames" (October, page 42) a satisfying challenge. However, as an avid bowler, I found the game itself highly improbable.

In the 10th frame (photo M), the pins left standing are the 5, 8, and 9. While no combination is impossible, in 20 years I have never seen these three left standing—and I bowl about 250 games each year. Consider this—when the ball hits the head pin, it in turn has to hit at least one of those three pins. Better would have been to leave the 1, 8, and 9. The puzzle's solution would remain unchanged, but the game would be much more believable.

Rick Nelson
Brandon, VT

LAUNDRY

If a reader finds a significant error of fact or a mistake that affects the play of a game, and we agree the slip needs to be laundered, we'll print the first or best letter and send the writer a GAMES T-shirt.

MISTAKES: NOVEMBER

The clue for 33-Down in the crossword "Political Zoo" (page 21) is "Green Mountain Boy Nathan ___," and the answer is HALE. Actually, Hale was a Connecticut Ranger. The Green Mountain Boys, from Vermont, were led by Ethan Allen.

Dick Schneider
Cleveland, OH

In Cryptic Crossword #2 (page 45), the clue for TOSCANINI is "Inaction's bad for a composer." The anagram's right, but Arturo Toscanini was a conductor, not a composer. Indeed, the great Italian maestro had a fiery temperament, and was rarely composed at all.

David Kraines
Durham, NC

"Bambi, e.g." is the Easy Clue for 92-Across in the Ornery Crossword (page 47). I consulted two experts on the subject, ages six and eight, and was assured that Bambi was *king* of the forest and therefore could not be a DOE.

Lisa Altschwager
Andrews AFB, MD

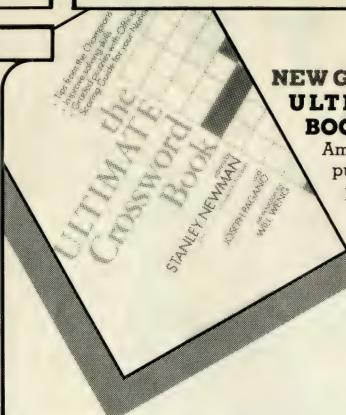
OCTOBER

You reprinted an error from the game of Trivial Pursuit in your Trivial Pursuit word search (page 30). The history question on the eighth card was "What attack did Isoroku Yamamoto plan and lead?" and the given answer was Pearl Harbor. Admiral Yamamoto did plan the attack, but it was led by Vice-Admiral Chuichi Nagumo. Yamamoto remained in Japan during the battle. A better answer would be the Battle of Midway, which Yamamoto both planned and led.

Ted Burdick
Larchmont, NY

(EVENTS APPEAR ON PAGE 54)

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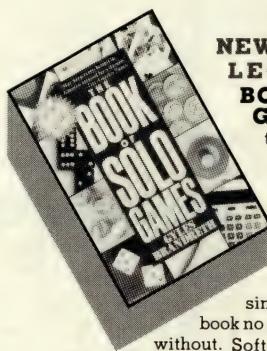
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GAMEBITS

EDITED BY CURTIS SLEPIAN



ALL THE RIGHT MOVES

Frankly, watching a world chess championship is like watching two garden gnomes waiting for a stone frog to jump. With Karpov and Kasparov going out of their way to be nice to each other in London last summer (in a match Kasparov ultimately won when the more eventful second half was played in Leningrad—see Results, page 54), journalists hoping to file stories about radio-controlled yogurts or KGB-inspired laser beams (as was the case in the paranoia-tinged matches between Fischer and Spassky in 1972) were sadly disappointed. Journalists reporting only the events on the board felt lost, too, judging by the general tenor of conversation in the grandmaster analysis rooms: "What the hell is going on?"

But although the experts seemed to understand little about the match between the two Ks, the public loved it. Seating was sold out on every day of the match in London, and television ran six programs a week, claiming above-average audiences of 600,000. And all this to watch two guys move small lumps of wood a few inches once every four minutes or so for five hours at a time!

When the excitement became unbearable, many

chess fans came back to reality by visiting the musical *Chess*, which opened in London just before the match. Written by Tim Rice, of *Jesus Christ, Superstar* fame, and the male duo from ABBA, this musical is supposedly based on a previous K-K encounter in the days when chess was fun—full of intrigue, jealousy, and KGB plots.

During its rehearsals, the musical had provided Bill Hartston, a British international master and chess writer, with an assignment almost as tough as beating Kasparov: to devise a chess game for a dance that was to last precisely 65 seconds (the length of the music) and would end with only king and queen mating the lone enemy king.

By dint of great perseverance and some artistic license—he let all the pawns move up to the center en masse—Hartston produced what he felt was a minor masterpiece. But the choreographer knew just enough chess to cause problems. "Say, what's that funny move where the king and rook move together ... castling? Yeah? Great, we gotta have lots of castling."

This was carrying artistic license too far, and Hartston had to insist that the rules allowed each side to castle only once in a game. But there were other faint memories. . . ."What's that piece that goes sideways across the board? Bishops, that's them! We gotta have lots of

bishop moves." And when the choreographer discovered that the rooks in Hartston's dance were captured without having moved, he called it a disaster: "The guys playing the rooks are such great dancers."

So more bishop and rook moves were incorporated, and yet the game still ended in 65 seconds. The result was an artistic coup not only for Hartston but also for the choreographer, who not only managed to keep the corps de ballet happy but provided a vastly entertaining and dynamic spectacle.

Meanwhile, back at the board . . . is that frog going to move? ZZZZZZ.

—John Fairbairn

JEWEL OF THE TILES

You could always wear your heart on your sleeve, if you were so inclined, but only recently could you wear mah-jongg tiles around your neck, or dice—dozens of them—around your wrist, or a really fabulous domino on your sweater.

Sheila Schiller, a Chicago jewelry maker, was drawn to making game-piece jewelry not because she loved games but because she was fascinated with the material from which old game pieces were made—Bakelite, an early form of plastic that during the 1930s and 1940s was used in every-

thing from buckles to buttons.

Schiller uses the pieces in many ways, clustering and overlapping them, spacing out ivory mah-jongg tiles with glass beads and napkin rings, adding crib toys and glass, turning hand-carved ivory dominos into pins, or pairs of dice into cufflinks. "I've also had a lot of fun with poker chips," she says. "They have beautiful muted colors, like autumn leaves: reds, yellows, and oranges."

Schiller charges up to \$250 for her creations, and sells them at such up-scale stores as Neiman-Marcus and the Art Institute of Chicago's gift shop. All her jewelry is currently available at Intimate Treasures, 19 East Chestnut, Chicago, IL 60611, (312) 951-7235.

"The jewelry is a natural conversation piece," says Schiller, who firmly stated her belief that jewelry should be fun. "It's the kind of jewelry to wear if you want to be stopped in the street." —Neil Steinberg

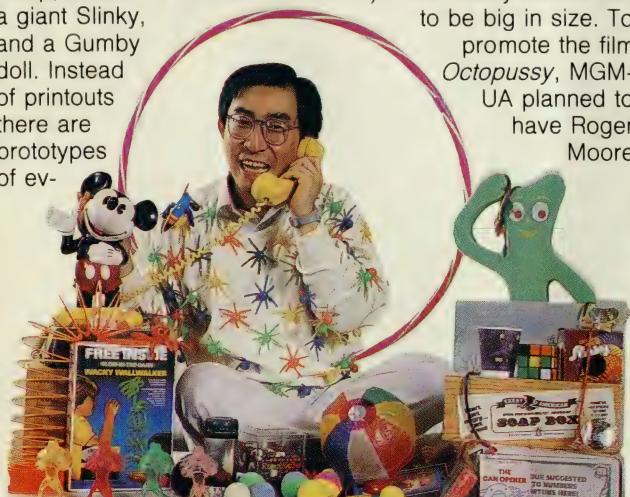


(Top) Poker chip and mah-jongg necklaces. (Bottom) A dice bracelet.

TOM CUSWHA

THE FAD MAN

They call Ken Hakuta "Dr. Fad," and from his office decor it's easy to see why: Instead of file cabinets and typewriters, there are a Hula Hoop, a Rubik's Cube, a giant Slinky, and a Gumby doll. Instead of printouts there are prototypes of ev-



Ken Hakuta's interest in fads is no mere passing fancy.

erything from the "Doberman mask" (a Doberman Pinscher head worn by a cat or small dog to make it look vicious) to celebrity dirt. He does have a phone—but it's a Mickey Mouse phone.

Hakuta, 36, started his romance with fads four years ago, when he was the first to bring to America Wacky Wallwalkers—those rubber octopuses that, thrown against a wall or window, crawl to the bottom. Before that, the Harvard Business School graduate ran a run-of-the-mill import-export firm.

When Hakuta's parents, who live in Tokyo, sent six Wacky Wallwalkers to their grandchildren, Hakuta was hooked. "I thought they were fascinating," he said. So he took them around to offices and restaurants in Washington, DC (where he lives and works), and at each stop they caused a big commotion.

Hakuta believed the Wallwalkers would be a hot item, but how could he, a small time entrepreneur, acquire the rights to sell them in the United States? "It

was easy," he said. "I just promised to buy 200,000 of them in a six-week period." If he couldn't sell all of them in 60 days, he would be bankrupt.

Fortunately, the Wallwalkers turned out to be a big hit (selling some 16 million)—and nearly turned out to be big in size. To promote the film *Octopussy*, MGM-UA planned to have Roger Moore

throw a specially made six-foot long Wallwalker against the side of the World Trade Center from a helicopter. The plan had to be abandoned because of fears the giant Wallwalker might be carried away by strong winds.

Hakuta likes silliness, which is why he is constantly on the lookout for other people with fadworthy ideas, offering them help and sometimes marketing tips. Not only can would-be fad inventors write to him for free advice, they can call his fad hotline (800) USA-FADS, and display their novelty items at his annual Fad Fair, held last year in Detroit. Hakuta is also offering \$100,000 for the rights to sensational fad ideas small enough to fit in a cereal box. So far, he says, no one has come up with a good enough item. "But I'd love to hand out \$100,000 right and left."

"I get frustrated," he adds, "because a lot of people call me with good ideas, and I know they're not going to do anything with them. Most people are

unwilling to risk everything on a venture—especially if it's something silly."

How does Hakuta know when a particular item is likely to make a good fad? "There's no scientific method," he says. "It's like love: You have to feel it in your heart." Among the items that he's found thus far are a tornado in a bottle (when shaken, the liquid in the bottle swirls like a cyclone over a miniature town), a mechanical cat's paw ("you can use it to scare mice away"), and an artificial leg to hang out the window of a car as a practical joke.

"They sent that to me, and I was really worried when I opened the box," he says. "I thought there was a real leg in there."

One of the oddest things to appear at Fad Fair was dehydrated water. "The guy had these tablets," he said. "If you added water, you would have water. The scary thing is, he sold some." —Minda Zetlin

conceived the idea when he saw tense employees popping sheets of the stuff.

There are 70 bubbles per package (you can get refills), and each is covered with a picture symbolizing wife, husband, children, mother-in-law, boss, etc., to help direct one's rage. So when your boss makes you work late during the holiday season, you can burst his bubble and keep both your job and your sanity. —C.S.

AT WITS' END

Most dictionaries have lots of definitions, but not too many laughs. With *The Wit's Dictionary*, the reverse is true. Compiled from a variety of sources by Colin Bowles, *The Wit's Dictionary* (\$5.95, Salem House, Ltd.) reveals the cleverest, if not the strictest, meanings of words, from abstract art ("a product of the untalented, sold by the unprincipled, to the utterly bewildered") to zoo ("an animal slum").

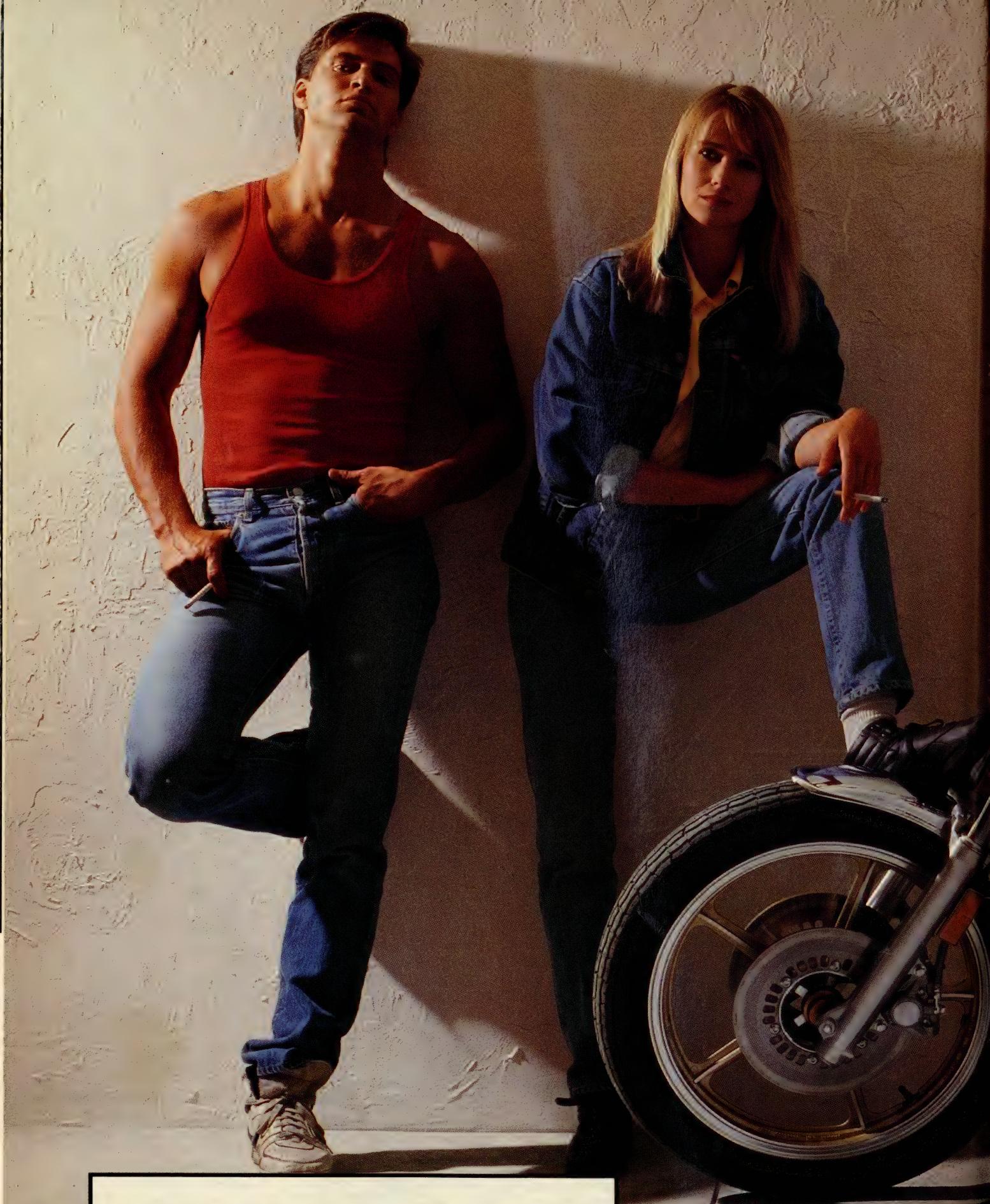
See how much sense you have about senses. Try to match the words (1-10) to their meanings (a-j)—all taken from *The Wit's Dictionary*. —C.S.

1. sarcasm	6. possibly
2. junk	7. book
3. manners	8. arsonist
4. fad	9. golf
5. antique	10. credit card

- a) A man with a burning desire.
- b) Something no one would want if there were two of them.
- c) Something with which to pass the time while waiting for the TV repairman to arrive.
- d) Something you throw away just before you need it.
- e) A laminated loan shark.
- f) Something that goes in one era and out the other.
- g) A good walk spoiled.
- h) The noise you don't make eating soup.
- i) No in three syllables.
- j) Striking while the irony is hot.



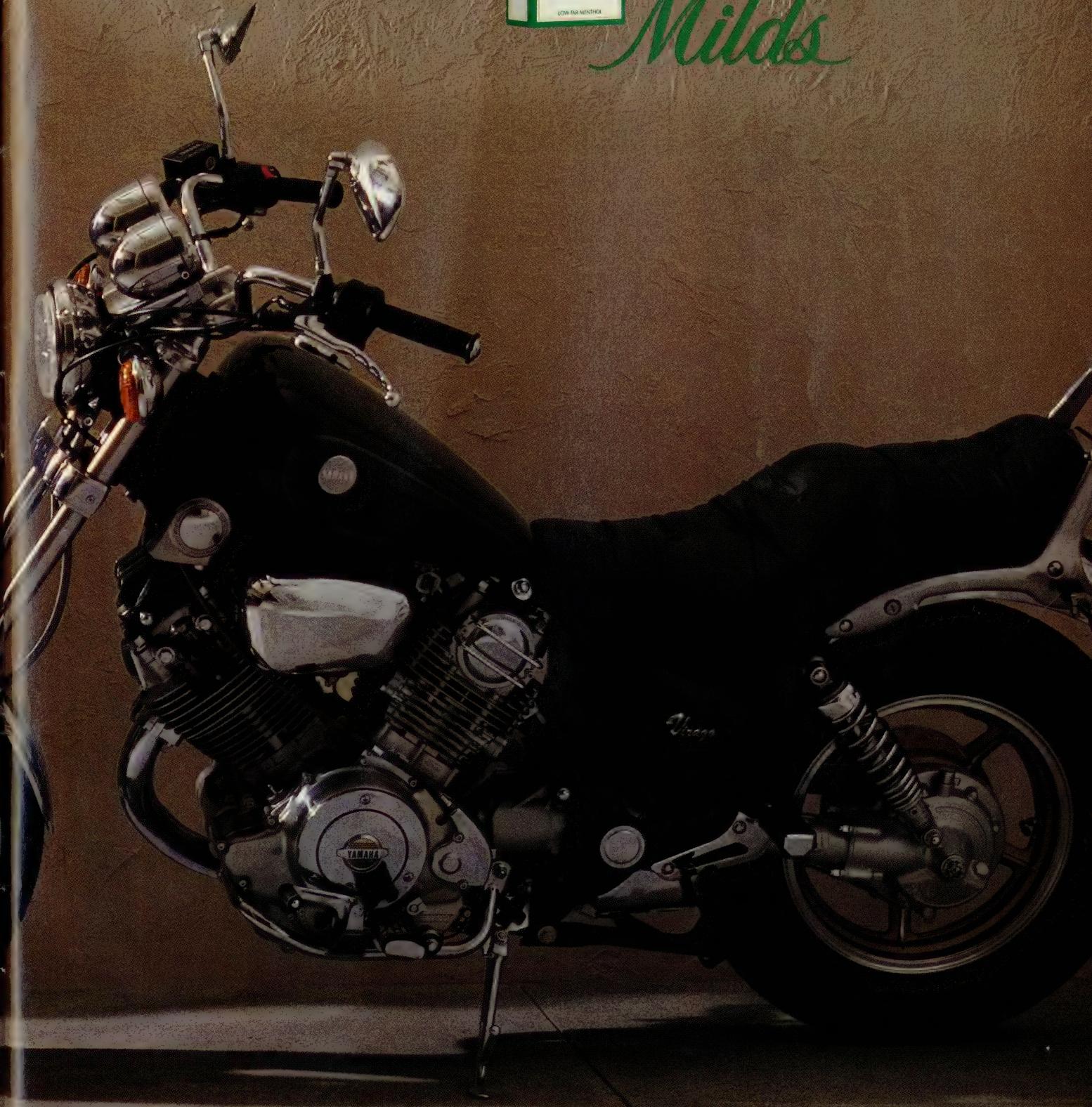
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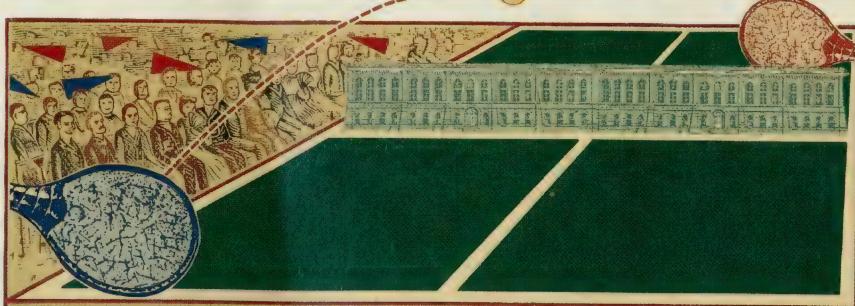
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AN EVIL CEREBRAL PUZZLE BY AL B. PERLMAN



Paddleford, Pingpongonia

The city of Paddleford, in Pingpongonia County, is known chiefly for producing some of the greatest table tennis players you'll find this side of the Great Wall. As far as the local citizens are concerned, the annual mixed-doubles tourney among teams representing Paddleford's five high schools—East, West, North, South, and Central—is the World Series and Super Bowl rolled into one.

The two-member male/female teams that competed for this year's coveted all-city championship comprised Becky, Emily, Helen, Irv, Lee, Max, Paul, Sylvia, Ted, and Vicki.

According to tournament rules, a team is eliminated after losing three matches, and whichever team survives after the four others have been eliminated is, naturally, the winner. The tournament traditionally opens on a Monday evening, with three matches scheduled nightly. If play extends beyond Thursday, however, the Friday matches continue as long as necessary in order to determine the Paddleford championship.

Here's the way this year's schedule shaped up:

MONDAY

1st Match: East vs. West.
2nd Match: North vs. South.
3rd Match: Central vs. the winner of the first match.

TUESDAY

1st Match: The losers of the first two Monday matches.
2nd Match: The winners of Monday's last two matches.
3rd Match: The winner of the evening's first match vs. whichever team had not played in either of the evening's preceding matches.

WEDNESDAY

1st Match: The losers of Tuesday's first two matches.
2nd Match: The winners of Tuesday's

last two matches.

3rd Match: The winner of the evening's first match vs. whichever team had not played in either of the evening's preceding matches.

THURSDAY

1st Match: The winners of Wednesday's last two matches.

2nd Match: The losers of Wednesday's first two matches.

3rd Match: The winners of the evening's two previous matches.

FRIDAY

To be scheduled as necessary.

From the following clues, determine the members of each team, the outcome of each match, and this year's all-Paddleford championship team.

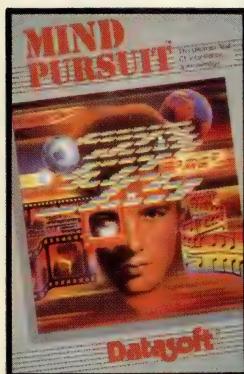
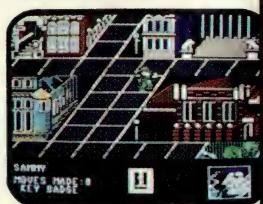
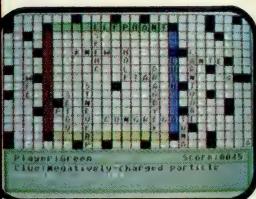
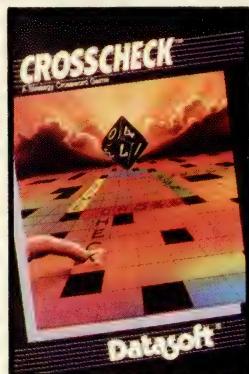
- Emily played in the second match on both Monday and Tuesday.
- West won its only match of the tournament on Monday.
- Max and his partner participated in five matches before being eliminated at the conclusion of the second contest on Thursday evening.
- South played in the first match on both Tuesday and Wednesday.
- Helen and her partner won two matches on Tuesday.
- Irv and his partner won Wednesday's second match.
- Vicki and her partner won Thursday's first match.
- Paul and Sylvia were on opposing teams in Wednesday's third match.
- Ted and his partner lost Thursday's third match.
- Central was defeated in Thursday's first match.
- The team that handed North its third defeat played in two later matches but did not win the championship.

ANSWER, PAGE 56

Al B. Perlman is a free-lance writer who conducts stop smoking clinics and creates mischievous puzzles. This puzzle first appeared in Intellectual Digest in November 1972.

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My Life in

A *Jeopardy!* writer gives a backstage look at one of TV's most challenging quiz shows.

Lhe category, ladies and gentlemen, is "Game Shows," and here's the answer: "One of the most successful and sophisticated games of 'trivia with a twist' ever on television." The question is, of course, "What is *Jeopardy!*?"

For nearly two decades, *Jeopardy!* has reigned as TV's top trivia game, a kind of post-graduate College Bowl that appeals even to people who ordinarily don't watch TV game shows. Like the Rolls Royce and the Oreo cookie, it's a classic with plenty of staying power: Currently, *Jeopardy!* is the number two show in syndication in the United States (*Wheel of Fortune* is number one), appearing on more than 200 stations.

What accounts for *Jeopardy!*'s popularity? Maybe it's the no-nonsense, just-the-facts-ma'am rules of the game. Or maybe it's that the questions are tough enough not to insult the intelligence of the players and the audience. Except for an occasional "Stupid Answers" category, there are no "Who's buried in Grant's tomb" gimmes in *Jeopardy!*

Whatever the reason, *Jeopardy!* breeds loyal viewers. As one of the show's writers I recently found that out for myself. When I called an Indian restaurant in Los Angeles to find out the name of the caste mark worn by Indian women on their foreheads (it's a *bindhi*), the woman on the phone told me that she sends tapes of our show to her family in India.

Now that's popular.

Researching such arcane subjects is all part of a day's work. For example, I needed the information about the *bindhi* for a category called "Point it Out." The contestant had to say, "Where is . . ." and then physically point to the correct location. In the case of *bindhi*, the contestant pointed to his forehead. Another answer in the category was, "Body part the star of *Star 80* had fixed to increase her *Personal Best*." The gentleman who answered did indeed point to the right place—two places, actually.

Jeopardy! was created by Merv Griffin and his then wife, Julann, on an airplane. The couple was discussing the 1950s quiz show scandals that resulted from allegations that several shows had given answers to players in advance. Merv and Julann speculated about giving players the answers ("5,280 feet" was the example they came up with on that fateful flight) and requiring them to figure out the questions ("What is a mile?"). From this humble beginning sprang *Jeopardy!*, which debuted in 1964, hosted by the redoubtable Art Fleming.

The game is simplicity itself. *Jeopardy!*'s game board is made up of six rows of categories, each of which holds five hidden answers. Give the right question for the answer and you earn money; get it wrong and the money is deducted from your total earnings. The harder the question, the more money it's worth. At the end of

the game, players can bet any or all of their money for the Final Jeopardy question. Whoever ends up with the most money is the

winner and gets to play another day.

And there have been plenty of days. *Jeopardy!*'s first run on NBC lasted 11 years, until 1975, plus one more year in syndication. It returned to NBC in 1978, but was soon canceled. However, when trivia games became the rage in the 1980s, Merv Griffin decided the time was right to bring the show back. And I'm glad he did.

People often ask how I got the job writing for *Jeopardy!* Harboring ambitions to work on a game show, and astutely realizing there weren't many of them being produced in Detroit, my home town, in 1977 I moved to Los Angeles. And sure enough, during the next seven years in L.A., I became very successful—as a cashier.

Then, in 1984, I heard at a party that *Jeopardy!* was returning. After contacting Merv Griffin Enterprises, I received a call from the show's head writer (and currently also its associate producer), Jules Minton, and Host-Producer Alex Trebek. I was told to submit a sample *Jeopardy!* board with five answers in each of six different categories (the actual show requires six questions for each category, leaving a spare in case an answer is inadvertently revealed). After an agonizing month-long wait, Jules called to tell me I was to be part of a six-person staff. I got the job!

Only later did I learn that they'd picked me for the humor I had injected into the questions and answers. My submission had included a category about chickens called "Pot Cluck." One typical answer was "Jewish Penicillin" (the question: "What is chicken soup?").

So that long-time viewers of *Jeopardy!* wouldn't be shocked by its brand-new electronic set, the current series began with the standard categories featured in the old show—which meant keeping the jokes to a minimum. But several months into the first season, I broke the humor barrier with a category called "Famous Pigs." This contained questions on Miss Piggy, the three little pigs, *Porky's*, and so on. After that, the writers were allowed to try almost anything.

Also during that season the first

by

STEVEN
DORFMAN

Jeopardy!

running gag appeared—the “spineless jellyfish.” Because this phrase struck our head writer funny, I’ve worked in spineless jellyfish answers whenever and wherever I could. For example, in a category called “Alice in Wonderland” an answer was, “To have room to do the lobster quadrille, you have to clear these spineless creatures off the shore.” (“What are jellyfish?”) This season I even did an entire category called “Spineless Jellyfish,” which was about famous cowards, not marine invertebrates.

But my favorite running gag was a category called “Wood.” For some reason Alex played it up on the air, saying, while his pained expression conveyed exactly the opposite, what an exciting category it was. It turned out to be so exciting that the contestants never finished the category.

Miffed at Alex’s putdown, I immediately wrote a sequel called “Son of Wood.” Alex introduced it by saying, “A few weeks ago we presented a category called ‘Wood’ and now, due to

great demand, we present ‘Son of Wood.’ And that demand came from the researcher who wrote the original category.”

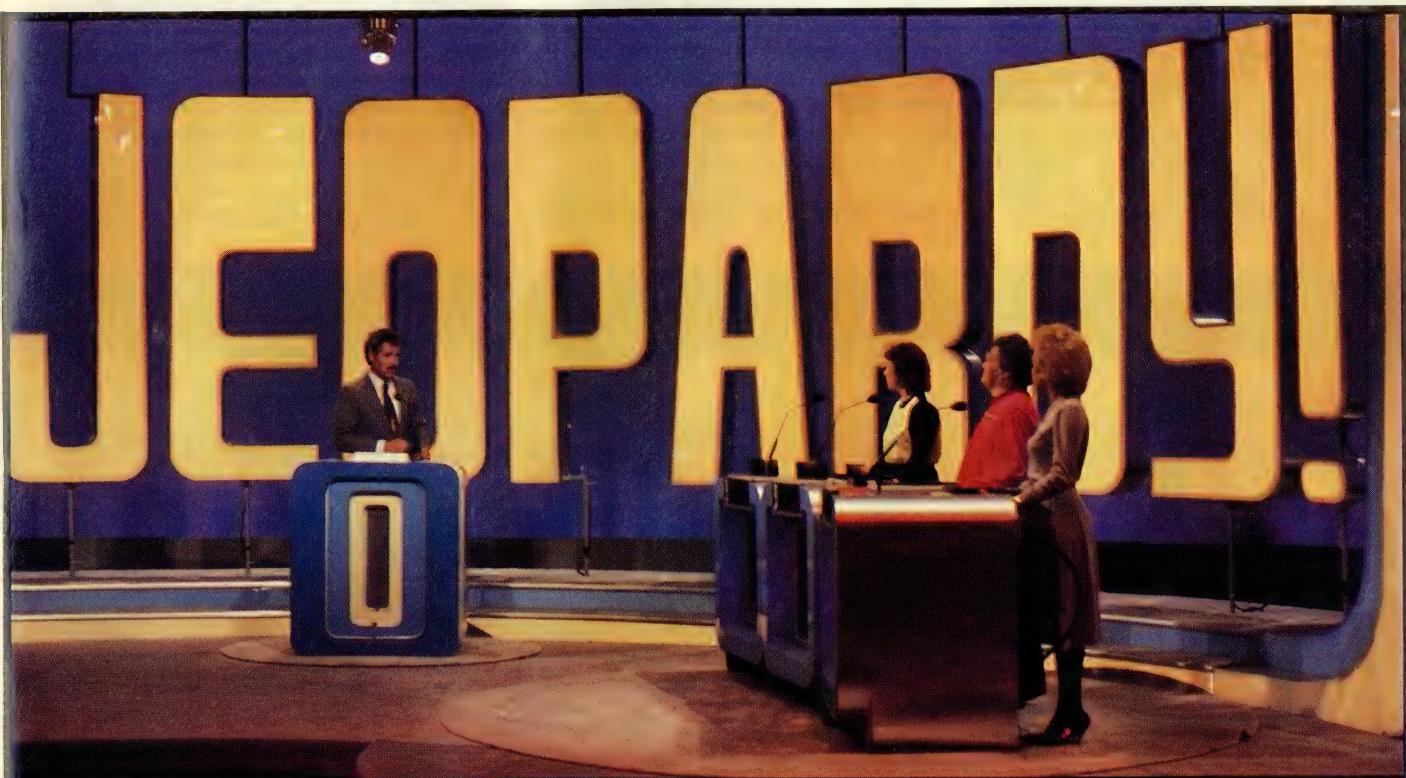
The gauntlet had been thrown down again, and I answered it with “Wood III,” which aired simply as “Wood.” Next I came up with “TV Wood.” For one answer, contestants were called upon to identify the star of *CHiPs* (get it, chips, wood?) who played Officer Bonnie Clark. The question was, “Who is Randy Oakes?” (Oakes, wood; you’re catching on).

Near the end of the second season, I figured “Wood” needed a big finish (get it, big finish? Never mind.), so I wrote “The Last Wood.” But “Wood” didn’t die. This season I started with “Deadwood,” followed by “Wood Lives,” “Literary Wood,” and most recently, “Hollywood.” You can’t polish off “Wood” that easily.

In writing questions (or is it answers?) for *Jeopardy!* we are allowed to use almost any source for material, with one big exception—the writer’s

own memory. All questions and answers must be verified by two sources, which is harder than it sounds. Not long ago, a writer discovered that, according to the “Celebrity Register,” opera star Lily Pons had once taken 16 curtain calls after a performance at the Metropolitan Opera House. The researchers tried, without success, to confirm this by consulting opera experts and by searching through opera books, *Opera News* magazine, various opera biographies, and the review of the opera in question that had appeared in *The New York Times* in 1931. To get around the problem, we simply attributed the fact to hearsay, stating in the answer, “It’s said she received 16 curtain calls at the Met.”

Information gleaned from trivia books, which are frequently filled with inaccuracies, is equally hard to corroborate. During the first season, for instance, while perusing *Super Trivia*, by Fred Worth, we unearthed the fascinating fact that Howdy



Doody had 48 freckles, one for each state in the Union at that time. But when we counted the freckles on a picture of Howdy Doody, we found more than 48.

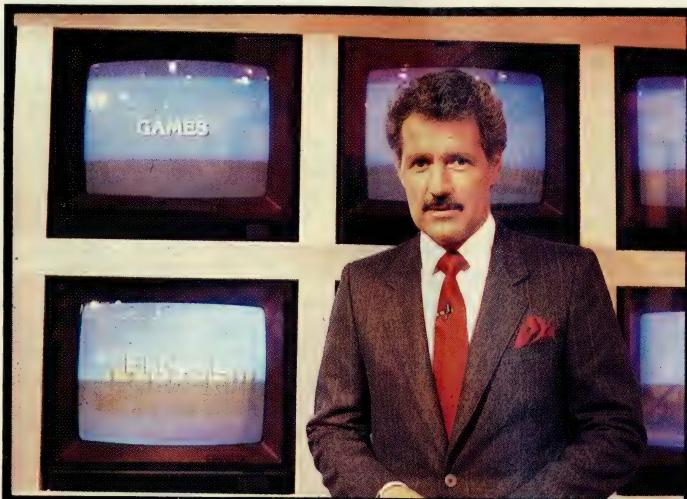
Where had Fred Worth found this nugget? We called him to find out, and he told us he had gotten the information from a local disc jockey who didn't know the original source. Undaunted, I went to the horse's (or in this case, the marionette's) mouth—Buffalo Bob Smith, whom we finally located at his home in Maine. He confirmed that the original Howdy Doody did indeed have 48 freckles—yes, one for every state. Furthermore, talking to Buffalo Bob presented an irresistible opportunity to grill him for additional information, allowing me to create an entire "Howdy Doody" category.

Given a free rein by the show, I try to work in references to people I know, shows or stars I like, and even relatives. During the first season, I managed to include my Aunt Esther in an answer. The category was "4-Letter Words" and the answer was "Foie gras in France or chopped liver at Aunt Esther's." The question was, "What is paté?"

Inspiration can come from anywhere, which is fortunate, since I've had to write about 7,000 answers and questions since 1984. Even the magazine you're reading right now has been the source for a few pieces of game material. In the category "Holidays," this answer appeared: "Saying this month had none, *GAMES Magazine* ran a contest to find it a holiday."

The question? "What is August?"

I try to work in my own name or those of other staff members whenever possible. I've used the jingle from my college radio show as an Audio Daily Double (Daily Double's are bonus questions). And when another guy with the name Steven Dorfman, a vice-president at Hughes, was quoted in the news about errant satellites, he of course earned a mention.



ANSWER: ALEX TREBEK. QUESTION: WHO'S THE CURRENT HOST AND PRODUCER OF JEOPARDY?

But no matter what question you dream up, it's impossible to predict how a contestant will respond to it. This was an answer that appeared in a category called "Spelling": "From the Irish 'smidirin,' something exploded into fragments has been blown to this." A contestant rang in and replied, "What is b-i-t-s?" Close, but no cigar. The next person to ring in correctly spelled "smithereens."

That was an easy judgment call, since "bits" isn't derived from "smi-

dirin." Jules Minton and writer Harry Eisenberg sit off to the side of the set during tapings to act as judges. Harry also works a lock-out device that does not allow the contestants to push their buttons until Alex has read the last word in the answer.

To insure that there are no on-air foul-ups, all material is read by the writer, the head writer, the researchers, and then the head writer again.

He selects a good mix of questions and answers in 12 individual categories, which are studied by Alex, discussed by three or four writers, and proofread before being programmed into Chyron, the computer system used to display the material on the board. In addition, we list alternative responses on the sheet from which Alex reads. It is an exact copy of the game board, but with the correct question under each answer.

Still, problems do arise. In a category called "Religion," one answer was

"The territory of a church under the jurisdiction of a Bishop." Our question was, "What is a diocese?" But the contestant's response was "What is a bishopric?" During the next commercial break a call went up to the writers' offices, and the research staff leaped into action. (On taping days we watch the show on the monitor in the office and, if we hear an odd answer, we're at the books even before Jules can call upstairs.) Jules had also reached for his dictionary on the judges' table as soon as he heard the answer, and he discovered that the definition of bishopric was "the diocese of a bishop." After the next com-

Beneath the categories are the 10 favorite answers of the

BUSINESS & INDUSTRY

This spaghetti "chef" "Pasta Way" June 22, 1985.

HOTEL NAMES

In 1959 "Maverick" won the Emmy for this category, only year it was given.

THE MOVIES

Number of characters who sang the song "Heigh Ho" in '37 Disney film.

HOMOPHONIC PAIRS

What King Kong would have been if he had joined the Viet Cong.

PRESIDENTS

All presidents except James Buchanan had one.

1

2

3

4

5

mercial break we credited that contestant with a correct answer.

We do commiserate with our contestants. Many staff members themselves have appeared as contestants on game shows. In fact, researcher Carlo Panno had been a contestant on the 1978 version of *Jeopardy!* What made the occasion memorable for him was not just the money he had won, but having met among his fellow contestants the woman who was to become his wife.

It's hard to pin down exactly what type of background you need to become a writer for *Jeopardy!* Gary Lee acts as a singing host in an Italian restaurant on his nights off. Barbara Heller sang country music professionally and still writes music and sings in her spare time. Harry Eisenberg taught at a Jewish Sunday School and sold photocopies. Kathy Easterling, in addition to acting, worked as a temporary secretary.

Among our researchers, Carlo Panno worked as a poll taker at *The Los Angeles Times*, Ruth Deutsch did market research, Carol Campbell sold medical equipment to hospitals, Steve Tamerius edited and published *Trivia Unlimited* magazine and worked on several game shows, Fred Pohl IV wrote with his father, the famous science fiction writer, and Victoria Haselton, an aspiring playwright, earned her living as a property underwriter.

The above list might give you the impression that just about anybody can write for *Jeopardy!* It shouldn't surprise you, then, that hundreds of people recently applied for the job. During the past summer, we advertised in the Hollywood trade papers for a new writer and two researchers. But when *USA Today* and many radio stations around the country brought this to national attention, we received

So you want to be a contestant...

People have joked to me, "Why don't you give me the questions beforehand, and I'll go on the show and win a bundle." The problem with that is, all the staff members sign releases stating that if we give someone game material we could go to jail for a long time. But if you're considering being a contestant on *Jeopardy!* I can pass along a few helpful hints.

First, *Jeopardy!* conducts contestant searches around the country during the show's taping hiatus, from February to June. If the search is coming to your city, an announcement will be made by your local station during the show. When, during a search in New York in 1986, a TV station asked viewers to send in postcards, 20,000 cards arrived. From Cleveland, more than 40,000 cards poured in.

In Los Angeles, try-outs take place from June through December. Don't come out to L.A. just to audition for the show, but if you are in town, you might "come on down," as a rival show says. For full information, send a postcard with your name, address, and phone number to *Jeopardy!*, Contestants, 1541 N. Vine St., Los Angeles, CA 90028.

Potential contestants are given a 50-answer test. Usually about one-quarter of them come up with the right questions. Those who do are asked to stay and play a mock game and take a personality interview. Of those, again about one-quarter pass. These hardy survivors go into our contestant pool and may or may not be used on the air.

Alex has mentioned that contestants on our show are usually the best trivia players on their blocks. But they must remember that the two they are up against are the best trivia players on *their* blocks.

If you do make it on the show, here are a few playing tips: Remember the category of the answer. If it is "Starts with H," we're looking for a word that starts with "H." Honest. The most obvious answer is the best; no one is out to trick the contestants. For more esoteric answers, extra clues are added in the answer to help out. If you hit a Daily Double, check its level. The level of difficulty is determined the same way as the rest of the questions: \$100 in *Jeopardy!* represents easy material, \$500 the hardest. If you get a Daily Double at the \$200 level, it's time to bet the farm.

—S.D.

more than 800 job applications from across North America. Some letters came from people who wrote trivia columns for local newspapers, others were authors of trivia books. The guy who writes the questions for Dixie Trivia Cups sent some cups along as a sample. Professional trivials or not, almost all of the applicants said they were avid Trivial Pursuit players.

Looking over all the submissions, I

realize that a lot of people out there would like my job. But if you want it, you're going to have to wait awhile. To paraphrase a line from a Greg Kihn song, "My love's in *Jeopardy!*" and I'll be staying for a long while. Knock wood.

When he's not thinking up questions and answers for Jeopardy!, Steven Dorfman composes cryptic crosswords. He is currently working on screenplays and his first novel.

"Jeopardy!" research staff. See if you can supply the questions.

GARY'S

ANIMALS

TELEVISION

CELEBRITY QUOTES

ROMAN EMPIRE

He may not be the host of your magazine, but he's the host of "Hour's."

When a husband "pops" for an ermine coat for his wife, he's really buying this.

For two years, NBC didn't call it "Saturday Night Live" because of 18-wk. ABC "SNL" starring him.

TV host who considers himself witty & earthy, "as if Voltaire & Jane Russell had a child."

By the 4th century A.D., Rome had 28 public ones stacked with rolls of papyrus.

WINTER BLUNDERLAND

★☆

WHAT'S WRONG WITH THIS SNOWY SCENE?



Illustrated by Greg Harlin

Plenty of slips were made in this year's seasonal festivities, and not all on the ice. That boy at lower right, for instance, has one of his skis on backward. There are 33 other errors on these pages; how many can you locate?

ANSWERS, PAGE 56



10 mg. "tar", 0.8 mg. nicotine av. per cigarette by FTC method.

You've got what it takes.

Salem Spirit

*Share the spirit.
Share the refreshment.*

SURGEON GENERAL'S WARNING: Smoking By Pregnant Women May Result in Fetal Injury, Premature Birth, And Low Birth Weight.



PENCILWISE



"B" HIVE ★

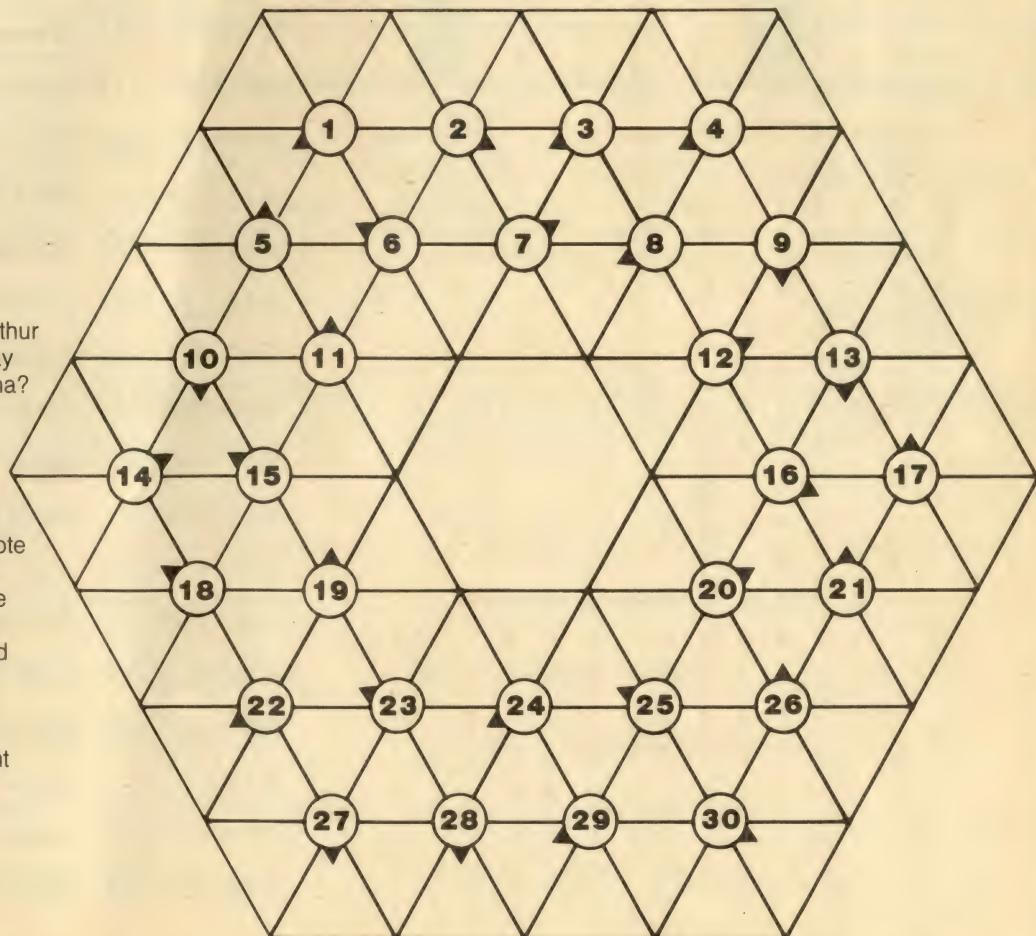
BY WILL SHORTZ

When this puzzle is completed, 30 six-letter words will swarm in circular fashion around the numbers in the beehive. To solve, answer the clues (which all just happen to start with the letter B) and enter each answer around the corresponding number in the grid. Answers begin in the spaces indicated

by the arrows and proceed clockwise or counterclockwise—the direction is for you to determine. As a solving hint, we'll tell you that all 26 letters of the alphabet are used at least once in the completed grid.

ANSWERS, PAGE 56

- 1 Begonia or bluebell
- 2 Barring two-directional traffic (hyph.)
- 3 Busy (oneself with)
- 4 Block volume
- 5 Bordeaux's country
- 6 Big ditch
- 7 Betting establishment
- 8 Be acquiescent
- 9 Bridges/Close film
— Edge
- 10 Blanketlike cloak
- 11 Burial place of King Arthur
- 12 Bewitched in a bad way
- 13 Bring a plane to Havana?
- 14 Big, weightwise
- 15 Blue Cross/Blue Shield contract
- 16 Brightly-colored cloth
- 17 Bad art
- 18 Broadway theater of note
- 19 Bygone refrigerator
- 20 Blindly enthusiastic one
- 21 Bohemians, today
- 22 Between Newfoundland and Ontario
- 23 Breast-feeding alternative
- 24 Boardinghouse resident
- 25 Belushi's ___ House
- 26 Bothersome skin inflammation
- 27 Be choosy?
- 28 Bombarded
- 29 Blue jeans
- 30 Batter-maker Aunt ___



DIRECTORY ASSISTANCE ★

BY EDITH RUDY

A Telephone Number Search

The number search below may not be familiar, but it could still ring a bell. Hidden in the telephone receiver are the phone numbers of 27 well-known American companies (current as of press date). Each number reads horizontally, vertically, or diagonally, but always in a straight line. How many of them can you find? Smooth operators should have no trouble ringing them all. If you get hung up, though, you can always call on the Answers, page 60.

			1	9	2	1							
		1	1	4	5	9	1	1	9				
	0	5	2	0	6	0	8	2	0	1			
	1	4	0	4	5	1	0	1	2	0	5		
	2	2	0	6	3	5	4	4	3	1	4		
	0	9	1	9	6	4	0	0	6	7	7		
	1	9	7	2	2	0	3	4	7	3	0		
	1	1	2	4	8	0	1	4	2	6	3	1	
	1	3	0	4	0	6	1	4	5	7	0	1	
	0	0	0	5	6	2	9	6	1	6	2		
	3	1	4	9	8	2	1	0	0	0	7	5	
	1	4	0	5	3	5	6		2	6	0		
	3	3	9	7	1	3							
	0	1	5	2	2								
	1	7	0	9	5								
	1	5	0	3	1	1							
	7	8	3	8	0								
	3	3	1	0	0								
	3	3	3	8	7								
	2	9	3	0	7								
	7	0	2	4	4								
	4	0	2	2	9								
	5	5	3	3	8								
	1	2	0	2	5								
	6	5	0	1	1	3							
	3	0	2	4	0								
	3	4	9	1	5								
	4	4	2	1	2	5							
	1	2	1	4	2	1	1	0	6	6			
	9	7	1	5	2	1	1	2	8	1	2	1	
	6	1	2	5	4	0	2	3	1	1	4		
	1	3	2	0	6	9	1	5	4	2	7	0	
	7	6	1	1	5	2	6	8	1	7	6	5	
	7	6	5	2	5	3	5	9	1	4	1		
	3	2	2	5	6	0	0	1	9	3	5		
	2	1	3	2	7	7	2	2	1	1	1		
	9	4	1	1	4	2	6	5	6	0	1	9	
	1	2	5	1	4	4	0	5	4	0	0	4	
	0	9	4	2		0	0	8	1	0	8	2	1
	5	0				4	2	5	4				

cally, or diagonally, but always in a straight line. How many of them can you find? Smooth operators should have no trouble ringing them all. If you get hung up, though, you can always call on the Answers, page 60.

- (201) 524-0400 *Johnson & Johnson*
- (203) 373-2211 *General Electric*
- (212) 719-2600 *Calvin Klein*
- (213) 277-2211 *Twentieth Century Fox*
- (215) 694-2424 *Bethlehem Steel*
- (301) 583-3900 *Black & Decker*
- (303) 279-6565 *Adolph Coors*
- (312) 222-9245 *Berry Publishing (Edith Rudy)*
- (313) 322-3000 *Ford Motor*
- (314) 982-1000 *Ralston Purina*
- (316) 685-9111 *Cessna Aircraft*
- (404) 676-2121 *Coca-Cola*
- (412) 237-5757 *H. J. Heinz*
- (413) 525-6411 *Milton Bradley*
- (415) 894-7700 *Chevron*
- (419) 535-2567 *Champion Spark Plug*
- (501) 455-1234 *Jacuzzi Brothers*
- (606) 329-3333 *Ashland Oil*
- (612) 540-2311 *General Mills*
- (614) 764-3100 *Wendy's*
- (615) 472-3371 *Magic Chef*
- (616) 926-5000 *Whirlpool*
- (716) 724-4000 *Eastman Kodak*
- (804) 232-1292 *Dixie Container*
- (814) 676-7676 *Quaker State Oil Refining*
- (901) 362-4001 *Holiday Inns*
- (914) 335-2500 *General Foods*

MOOD INDIGO ★

BY WILLIAM LUTWINIAK

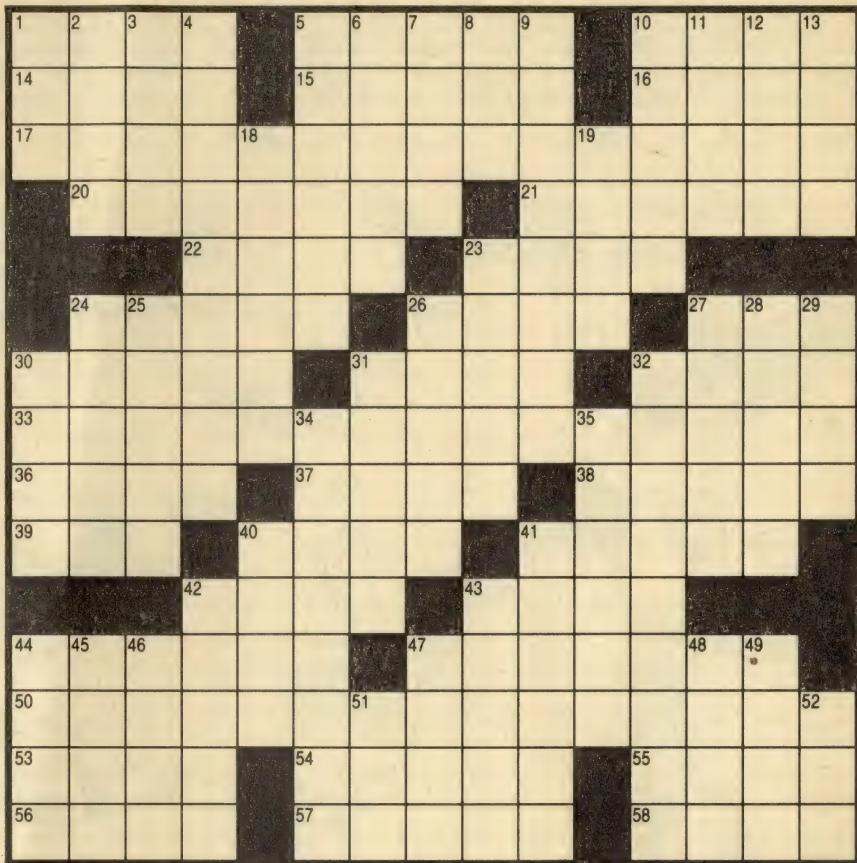
ACROSS

- 1 All-male party
- 5 Symbol of Christ
- 10 Sale caveat: 2 wds.
- 14 1977 whale movie
- 15 Minimum amount
- 16 Caesar's robe
- 17 Song of 1926: 4 wds.
- 20 Isn't naughty
- 21 Riches
- 22 At any time
- 23 Mineral springs
- 24 Trims
- 26 Owl sound
- 27 Complete fool
- 30 TV's *the Family*: 2 wds.
- 31 Float gently, as odors
- 32 La ___ tar pits
- 33 Norris Division NHL team: 3 wds.
- 36 ___ Day (January 15)
- 37 State north of Tex.
- 38 Jazz composer Blake
- 39 Sault ___ Marie
- 40 Centuries and centuries
- 41 ___ a time (singly): 2 wds.
- 42 Zeus of Norse myth
- 43 Trounce
- 44 Weapons for Zorro
- 47 Pipe scrapers
- 50 Capt. Furillo's officers: 3 wds.

- 53 Disassemble
- 54 "What do ___?" ("So what?"): 2 wds.
- 55 Peru's capital
- 56 Adolescent
- 57 Cod and Hatteras
- 58 Use scissors

DOWN

- 1 Crying sound
- 2 Lou Grant's newspaper
- 3 Unit of land
- 4 Get-together
- 5 Pungent spice
- 6 Allude (to)
- 7 Feedbag grains
- 8 "Quiet, please!"
- 9 All-day cooking vessels
- 10 Map collection
- 11 Black music category
- 12 "___ a Kick Out of You": 2 wds.
- 13 Cummerbund
- 18 "___ Got Time for the Pain" (Carly Simon hit)
- 19 Defeat
- 23 Capital of Bulgaria
- 24 Cloth fold
- 25 Dress style
- 26 Carries cargo
- 27 Island off Venezuela
- 28 ___ Now (Edward R. Murrow program): 2 wds.
- 29 Contributor's enclosure: Abbr.
- 30 Inquires
- 31 Roused from sleep
- 32 Woods flowers
- 34 Pertaining to troop movements
- 35 Deaden
- 40 Totals
- 41 Speechifies
- 42 Synthetic fiber
- 43 Steel plow pioneer John ___
- 44 Open-and-___ case
- 45 Partner of women and song
- 46 Ye ___ Gifte Shoppe
- 47 Harvest
- 48 Wreck
- 49 Tractor trailer, for short
- 51 Victrola company
- 52 Tree juice



ANSWER, PAGE 60

ON THE RUN ★

BY LAURIE EYNON

Here's a puzzle you'll need a running start for. The answer to each clue is a word or phrase containing the word RUN. For example, the clue "Kentucky Derby" would lead to the an-

swer RUN FOR THE ROSES, while "Prohibition era smuggler" would be RUM-RUNNER. If you run short of ideas, we're running the answers on page 60.

1. Hank Aaron specialty _____
2. TV show, second time around _____
3. Airplane landing strip _____
4. Ferraro, to Mondale _____
5. Wile E. Coyote's prey _____
6. Second place contestant _____
7. Absolutely ordinary _____
8. Youngster leaving home _____
9. Futuristic Harrison Ford movie _____
10. Bureaucratic treatment _____
11. Over an extended period _____
12. Civil War battle site _____
13. Hit rap group of 1985-86 _____
14. Meadow where Magna Carta was signed _____

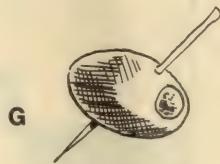
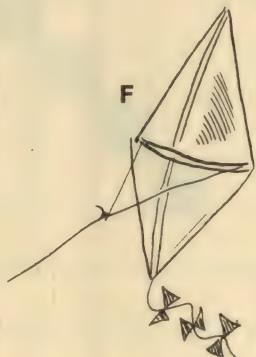
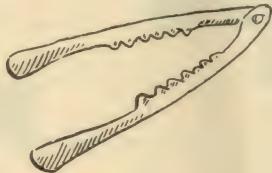
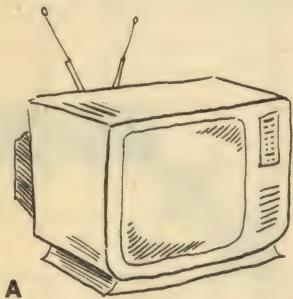
ANAGRAM ADD-UP ★★

BY ROBERT LEIGHTON

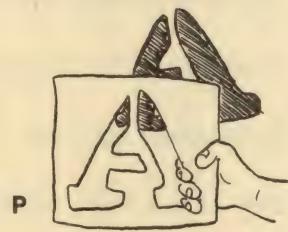
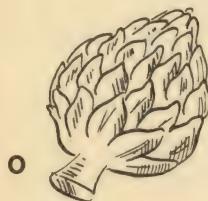
Sometimes a word is more than the sum of its individual letters. Twelve of the 18 pictures here represent words whose letters can be combined to form the items named by the other six pictures. For instance, if there were pictures of a LATHE

and a PEN, you could combine the letters to form ELEPHANT, which would also be pictured. Can you find the six pairs of pictures below whose letters will anagram into the remaining illustrated words?

ANSWERS, PAGE 59



L
8



1. _____ + _____ = _____

4. _____ + _____ = _____

2. _____ + _____ = _____

5. _____ + _____ = _____

3. _____ + _____ = _____

6. _____ + _____ = _____

SCREEN PLAY ★★

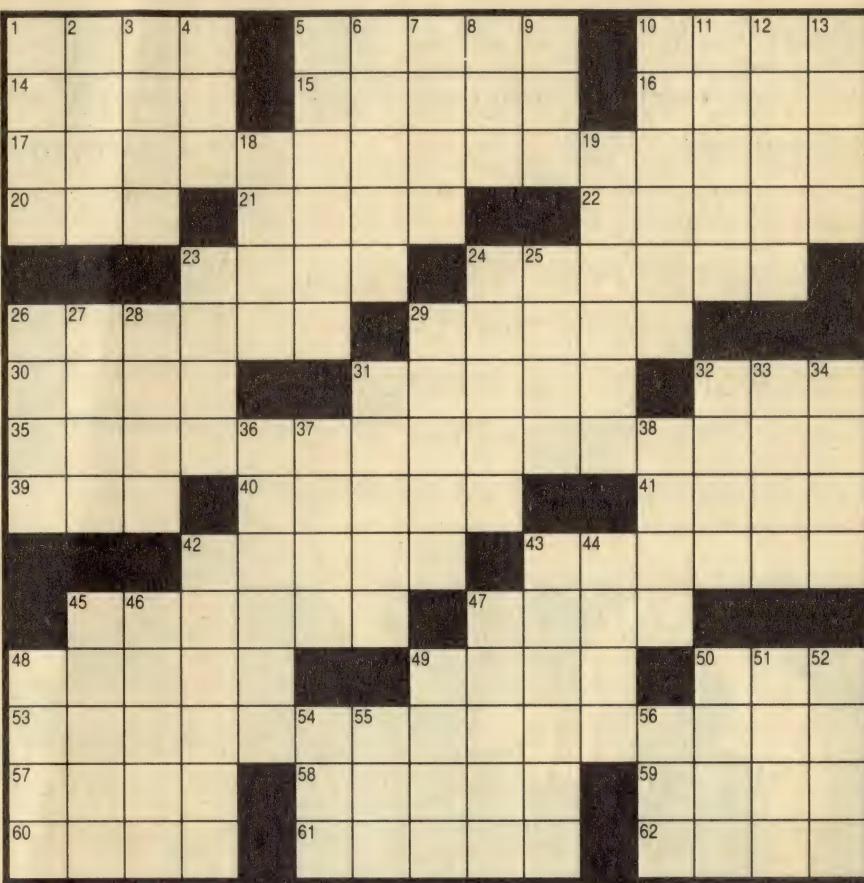
BY WILLIAM HENDRICKS

ACROSS

- Cry before "Who goes there!"
- Honda Civic competitor: 2 wds.
- Sidewalk eatery
- Lamb's pen name
- Do penance
- Track shape
- Director of 30-Across: 2 wds.
- Loaf choice
- Lab container
- Ending for "high as" or "go fly": 2 wds.
- "I've _____ Working on the Railroad"
- Carpenters, at times
- Preoccupy
- "Allah _____!" ("God the Great!")
- Movie by 17-Across
- Criminal's excuse
- Kennedy patriarch
- Director of 61-Across: 2 wds.
- Pig's quarters
- Eight of song
- Tiny branch
- Beatle Ringo
- Pure
- Spud
- _____ tube (TV)
- Morocco's capital
- Evict
- Teachers' org.
- 53 Director of 32-Down: 2 wds.
- Workshop aid
- "____ of a nice guy": 2 wds.
- Yen
- Writer Edgar Allan and others
- Movie by 35-Across
- B, in school

DOWN

- Listen
- Friend in war
- Longest sentence
- Sailor
- Word on some doors
- Patriot Allen
- Roll of stamps
- Queen's subject?
- ____ room
- Kind of spaniel
- To have, in France
- "Just the _____, ma'am"
- Actress Sommer
- Nights, in want ads
- Pineapple state
- Britain's BBC, familiarly (with "The")
- Blouse accompaniment
- Monastery head
- Spheres
- Dinghy or yawl
- Agile
- Modify
- Houston player
- Movie by 53-Across



ANSWER, PAGE 57

- "Step _____!": 2 wds.
- Attempt
- Barrel parts
- Commentator Howard
- TV's _____ Baltimore
- Barbecue site
- More than chubby
- Erected
- Letters of invitation?
- Dentist's request
- Noted pianist or fiddler
- Therefore
- Like a fine wine
- Congressional no
- "Thar _____ blows!"
- Old VW, colloquially

STAR-MAKER ★★

Operating under the theory that a good name helps to make a star, this puzzle suggests a profusion of memorable monikers. Each of the names below represents the first name of one famous person with the last name of another. Find the other half of each and you'll have a rhyming celebrity name.

For instance, given BUDDY PARTON, you'd place a famous PARTON's first name (DOLLY) with a famous BUDDY's last name (HOLLY) to achieve tomorrow's rhyming star, DOLLY HOLLY! How many of the following can you get?

ANSWERS, PAGE 80

- BO SEVAREID _____
- EMMETT SAVALAS _____
- HELEN MURPHY _____
- ETHEL MELVILLE _____
- JO ANNE TEMPLE _____
- LARAINA CAPOTE _____
- NOEL COSELL _____
- CONWAY CARLISLE _____
- JOHN BERGEN _____
- LORNE MARTIN _____
- BRUCE DILLER _____
- HARVEY MAILER _____
- RED JOHN _____
- REX KEILLOR _____

Below are seven messages—consisting of pithy sayings, fascinating facts, and a cartoon gag—that have been translated into simple cipher alphabets. Letter substitutions remain constant throughout any one cipher, but change from one cipher

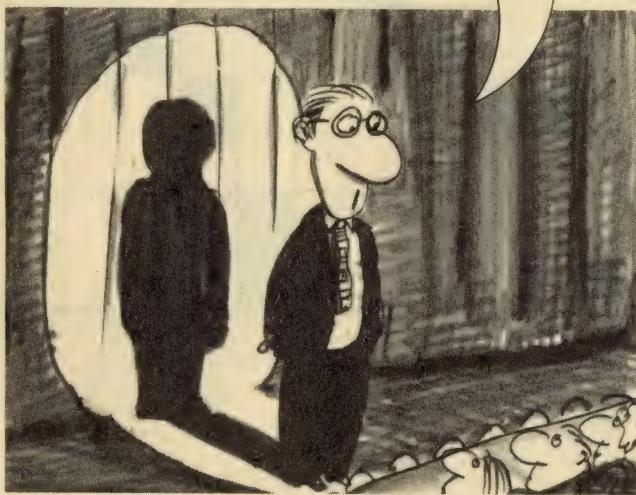
to the next, and the level of difficulty increases as you progress. An asterisk (*) indicates a proper noun.

Clues are given at the bottom of the page to provide assistance if you need it.

ANSWERS, PAGE 56

1. CRYPTOON

WUS NUVRZAN'I
EGSWUSDXVYG, NAG EXSN
UW *DXYHGNA ORCC HG
ECXMGF HM DM CRNNCG
HUM, *NRDDM. MUPS
EXNRGVYG RI XEESGYRXNGF.

**2. UNIQUE APPROACH**

FM SXCAFSXB Z LXSJ
ATABAZE UFTY MD
ATYXSMZOX MWX TZZEJBFB
DG MWX DQLFDAB.—*ZEGSXY
*TDSMW *RWF MXWXZY

3. SPACE BAR

GRINS IGZECK AGO GI
IOUECK BVLTTF, MWEVH SNA
RTZ DGB XWBI ITT UTTUNA
IT XWJU TPNS FGQO YSTDC
ATK.

4. DAFFYNITION

DCCKLGC: HBZTPBTZC FK CZC
DCCH NZVXTPC KVWCQPVJDH,
VZ *PVPRWCQ SXJVWLBLVW
BV JLWX QVTZ JSWWCZH.

5. LOONY

ARCH-JNYFLVCB FCNTV
TVFPB, DXGW ZT BYRQYB,
HXFP AVLRTB BL CXAB,
FNYFLRTM MQRGWBV ZK
JNYVC KZJQ.

6. FLEECED?

YXRJZTRB BKNNA UXDYKNU
LZUNP YXAXOVN NCAVTSNN
GKND KN KNXUP DNG
BKNAKNUP GXB XBBTYZXJNP
GZJK YUTTFB.

7. NOT AGAIN, SAM!

DJBL-NLRX JWN URWD,
WM CMBV MB IGUDMZ
UYRBDF, SJILU XJIQLI
UYMHQRDLU SF HWRFMBV
XRCJIMDL ULR ZYRBDF
JXX-TLF.

TIPS AND CLUES

Cipher 1: Note the distinctive cipherext pattern CRNNCG. Try LITTLE.

Cipher 2: The repeated three-letter word is THE.

Cipher 3: Compare cipherext it and ITT. The likeliest possibilities are TO and TOO.

Cipher 4: Cipherext C, which appears 12 times—six times as the

last or next-to-last letter—is likely to be an E.

Cipher 5: Cipherext B, ending four words, is likely to represent S.

Cipher 6: Note repeated digraph KN, appearing seven times (once

as a word by itself). Try HE.

Cipher 7: The five vowels, A, E, I, O, and U, are represented by G, J,

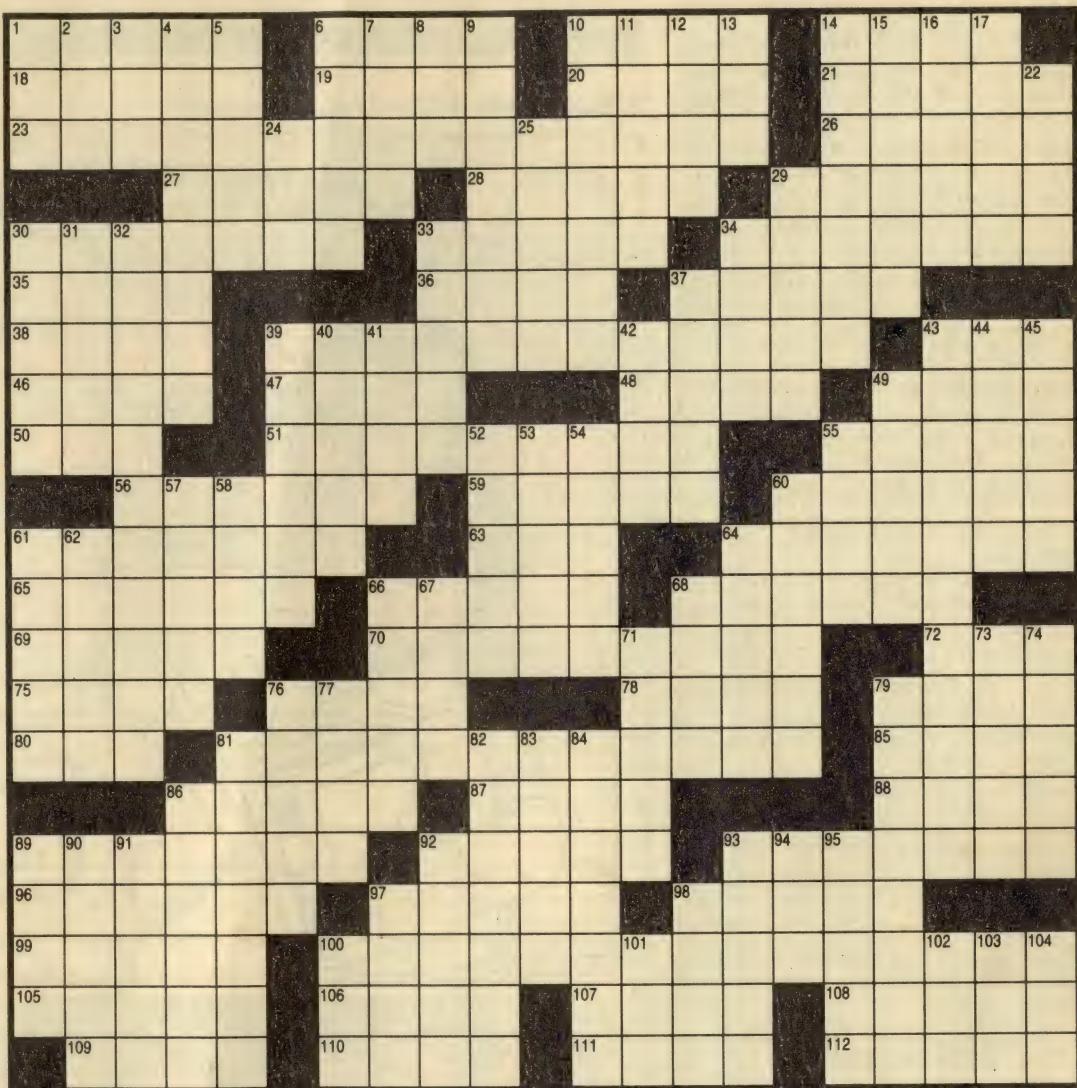
A WALK AROUND THE BLOCK ★★

BY CHARLES DEBER

Note: This crossword has a hidden message. The title and eight answers in the grid hint at how to find and read it.

ACROSS

- 1 Ratify
- 6 Columbus's home
- 10 Firmly secured
- 14 Playmates
- 18 Engine noises, maybe
- 19 Hiker's sore spot
- 20 Half of CVI
- 21 Northern hemisphere?
- 23 Satirical '60s revue
- 26 City near Bombay
- 27 Some Prado works
- 28 Tellurians' home
- 29 Book ends?
- 30 Took to the prom
- 33 Fused glass materials
- 34 Tiny Tim, musically
- 35 One of the wealthy
- 36 Bit of chicanery
- 37 Olympia painter
- 38 Boulle's *Planet* dwellers
- 39 Plans in case of fire
- 43 Leg
- 46 Actress née Diana Fluck
- 47 Keith of The Who
- 48 PC owner
- 49 Cher, once
- 50 Fender bend
- 51 With 70-Across, way to go
- 55 U. K. citizen
- 56 In this page
- 59 Celerity
- 60 Lacking depth
- 61 Big
Adventure
- 63 Frank's ex
- 64 Unstops the sink
- 65 1945 celebrants
- 66 "____ man with seven wives"
- 68 Least interesting
- 69 Remembered
- 70 See 51-Across
- 72 Day after Sept. 30
- 75 China's ____ Xiaoping
- 76 Broadway's 79-Across
- 78 Scampered off
- 79 *Damn Yankees* siren
- 80 Live
- 81 Advance
- 85 Worshipper's place?



ANSWER, PAGE 56

- 86 Warble
- 87 Did the weeding
- 88 Prohibitions
- 89 Mark Russell, for one
- 92 SALT subjects
- 93 Hypersensitive
- 96 Minimal
- 97 Code name?
- 98 Event on L. A. Law
- 99 Dickens's ____ House
- 100 Some checkpoints
- 105 Heavy-stroked handwriting
- 106 Alive and Well... musicmaker
- 107 What Lear's "Pobble" lacked
- 108 Scornful visage
- 109 Capone foe
- 110 Collar part
- 111 Hook's henchman
- 112 Sikorsky and Stravinsky

DOWN

- 1 P. D. dispatch
- 2 Owed
- 3 Jazz trombonist "Kid" ____
- 4 Advancement
- 5 "____ Unusual" (Tom Jones tune)
- 6 Eightsome
- 7 Derisive laughs
- 8 Scrabble piece
- 9 Sacrifice
- 10 Coquette
- 11 Superdome group
- 12 *Alas*
- 13 Ring around the collar?
- 14 Paints with points
- 15 Conceited fellow
- 16 How Lindy flew
- 17 He may be confused with 37-Across
- 22 Potter's fixture
- 24 Turn red?
- 25 Worker's desire
- 29 More sensible
- 30 Elm offering
- 31 Bull : ox :: rooster : ____
- 32 Excessive
- 33 Item in a Swiss bank account?
- 34 Kismet
- 37 Louvre, *par exemple*
- 39 Runs a roast
- 40 Recital pieces
- 41 Masked mammal
- 42 Act as bouncer
- 43 Not knowing when to quit
- 44 Rectangular piers
- 45 *Wuthering Heights* setting
- 49 Grain husks
- 52 Kampuchean
- 53 Ralph of The Waltons
- 54 Love Boat's bartender
- 55 Depressed
- 57 Knick's Patrick
- 58 Beatty's role in Reds
- 60 Column base
- 61 Zoo attraction
- 62 Gantry or Fudd
- 64 Tine
- 66 Unimprovable
- 67 Costly coat
- 68 Diable's foe
- 71 Doris Day's monogram
- 73 Cable car sound
- 74 Ankle bones
- 76 Mill fill
- 77 Result of a blow
- 79 Classification
- 81 Most sprightly
- 82 In the show position
- 83 Gymnast's apparatus
- 84 Goes back
- 86 Risers' partners
- 89 Shortened wd.
- 90 Claw
- 91 Castle or Cara
- 92 H. G. Wells's *The Island of Dr. _____*
- 93 Cropped up
- 94 Fleur-de-_____
- 95 TV role always played by a female impersonator
- 97 Comedian Sahl
- 98 Corner
- 100 Hardly the big shot?
- 101 Crooner Perry
- 102 Recent addition?
- 103 Teut., now
- 104 What Jrs. become

CARTOON REBUSES ★

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Part 1 of this two-part contest was to solve 14 rebuses similar to the ones shown at right. More than 5,000 entries arrived, 75% of them completely correct. The grand prize winner, chosen at random from the correct entries, is Dawn Firlit, of Chicago, Illinois. She will receive a \$200 gift certificate to her favorite store.

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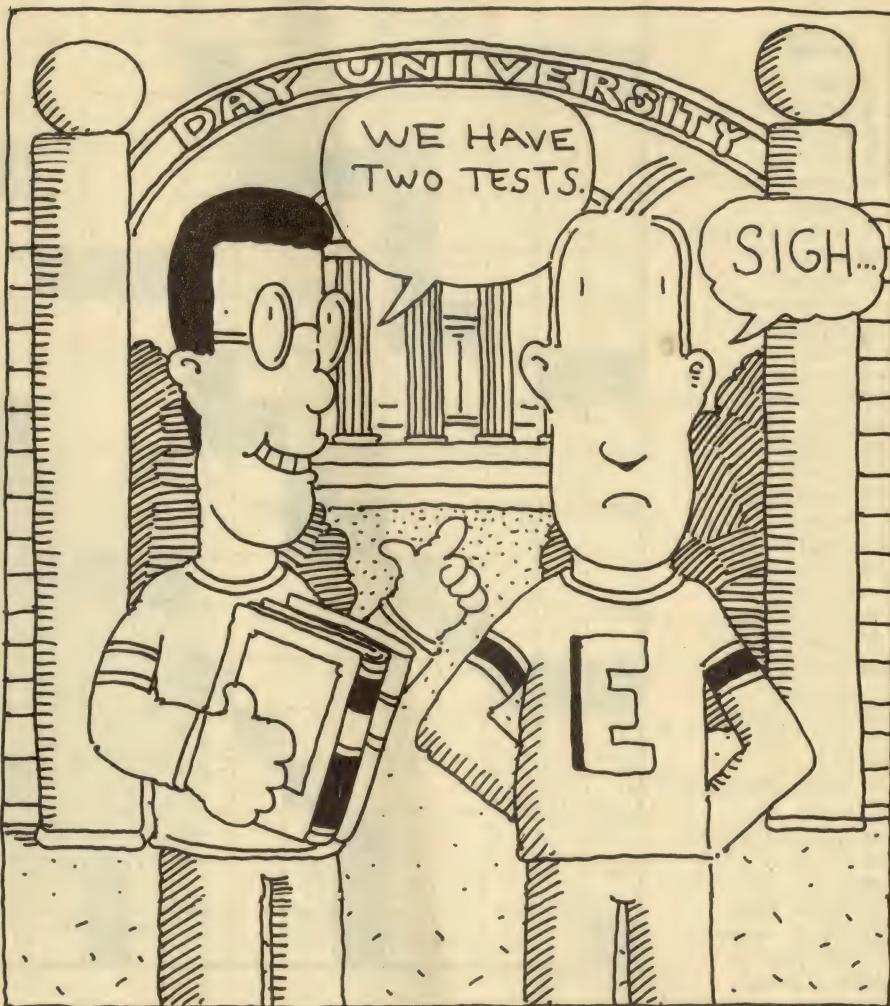
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ANSWERS, PAGE 57

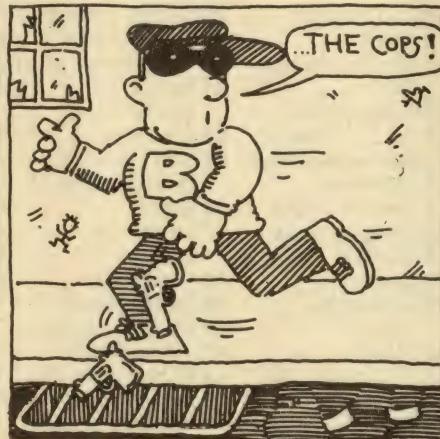
GRAND PRIZE WINNER

1. Magazine: 10, 5



Dominick Rampa, Tarrytown, NY

2. Novel: 3, 5, 6



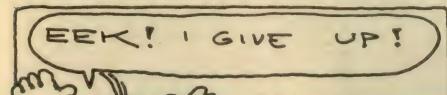
Rick Zimmerman, South Euclid, OH

3. Newscaster: 6, 8



T. and C. Dick, Corvallis, OR

4. Bay: 10



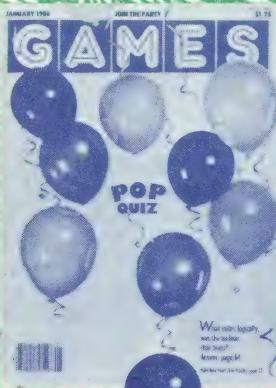
5. Pop Singer: 7, 5



6. World Leader: 5, 6



Lisa Goodwin, Memphis, TN



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Character: 5, 4

Character: 7, 4



Nancy Gordon, Elgin, IL

Character: 5, 4



Gabriel Miller, Clearwater, FL

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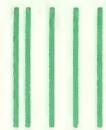
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ANSWERS, PAGE 57

GRAND PRIZE WINNER

1. Magazine: 10, 5



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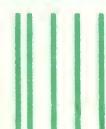
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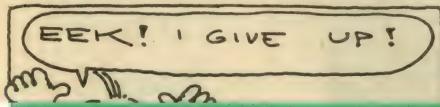
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4. Bay: 10



5. Pop Singer: 7, 5



6. World Leader: 5, 6



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Character: 7, 4



Nancy Gordon, Elgin, IL

Character: 5, 4



Gabriel Miller, Clearwater, FL

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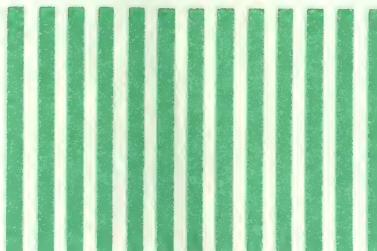
ANSWERS, PAGE

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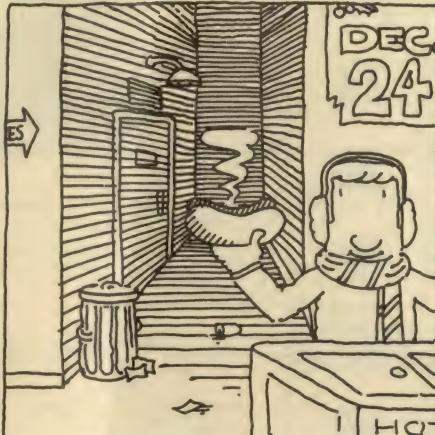
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ATT ATT DEPT.
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4. Bay: 10



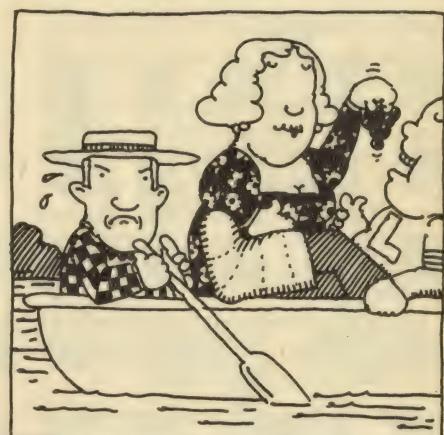
Clare Grundman, South Salem, NY

5. Pop Singer: 7, 5



David LaRochelle, Coon Rapids, MN

6. World Leader: 5, 6



Lisa Goodwin, Memphis, TN

7. Goddess: 9



Jennifer Jones, Justice, IL

8. Tourist Attraction: 3, 5, 3



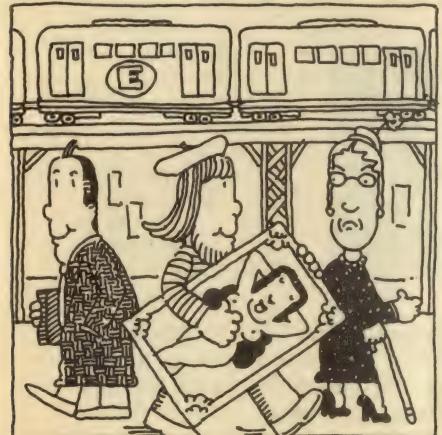
Marilyn Brongo, Tucson, AZ

9. TV Character: 7, 4



Nancy Gordon, Elgin, IL

10. Asian City: 3, 5



Jon Kalos, New York, NY

11. Movie: 4, 4, 4



Craig Hamilton, Mountain View, CA

12. Singer: 5, 4



Gabriel Miller, Clearwater, FL

PENCIL FOOTBALL *

BY ROBERT GERVER

A Game for Two Players (Or One)

If it gets too cold outside for a game of touch football, here's an indoor version you can play on a sheet of lined paper.

Getting ready Set up the field by numbering the yard lines on the side, as shown at right. Draw two goals, one on each side, behind the goal lines. Goals may be any size, as long as they are equal. Next, draw irregularly spaced lines of random lengths along the yard lines. (These will be obstacles players must avoid when advancing the ball.) Finally, put an X on the middle of each 20-yard line.

Flip a coin to see who goes first. The winner chooses his or her side of the field, and receives the kickoff.

Kickoff The loser of the flip kicks off the ball. Put the point of your pencil (representing the ball) on the 35-yard line on your side of the field. Close your eyes, lift your pencil, and try to bring it down as close as you can to the opposite goal line. This is the spot the opponent will start from. If you kick the ball beyond the goal line or off the field, the ball is brought out to the X nearest the receiver of the kickoff.

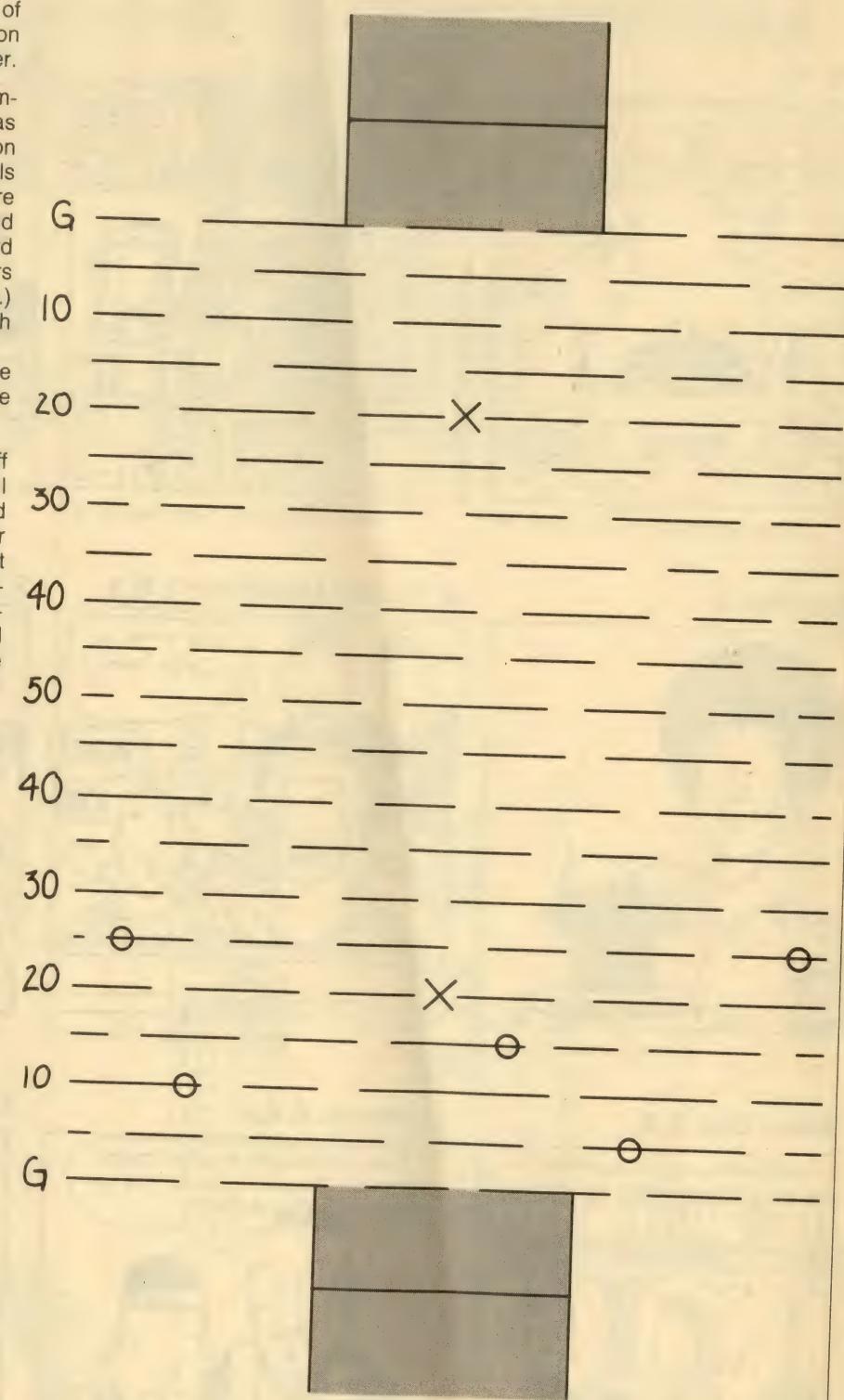
Play The player receiving the ball now has four chances, or downs, to score a "touchdown" by advancing the ball past the opponent's goal line. If you are the receiving player, put your pencil down on the spot where the kickoff landed, close your eyes, and slowly draw a line forward, trying to remember where the obstacles are.

When your line touches an obstacle, your opponent calls "Stop," ending the down. Open your eyes. Your next down starts from the point where your line crossed an obstacle.

If you don't score a touchdown after four downs, the turn passes to your opponent, who now has four downs to cross your goal line, starting from the point where you left off.

If you do score a touchdown, you earn six points. You also get to try for an extra point by placing your pencil on the opponent's X. Close your eyes, lift your pencil, and try to land the pencil point in the opponent's goal. After the extra-point attempt, kick off to your own 35-yard line.

Field goals On a fourth down, a player has the option of attempting a "field goal." Place the pencil on the ball's current location, close your eyes, lift the pencil, and try to bring it down in the goal area. A successful field goal



scores three points. If your field goal succeeds, kick off to your opponent. If your field goal misses, your opponent has the choice of taking the ball at the 20-yard line (his or her X) or at the spot from which you kicked.

Solitaire version From each of the five circles in the lower half of the sample field shown above, try to pass the upper goal line in four downs or less. Consider yourself a winner if you can make three out of five.

CRYPTIC CROSSWORDS ★★

Each clue in a cryptic crossword contains two parts: a definition of the answer and a second description of it through wordplay. Finding the dividing point between parts is the key

to solving. Watch for anagrams, hidden words, charades of two or more smaller words, and other language tricks. Puzzle 2 is harder than Puzzle 1.

ANSWERS, PAGE 59

PUZZLE 1

BY SUE ANGEL

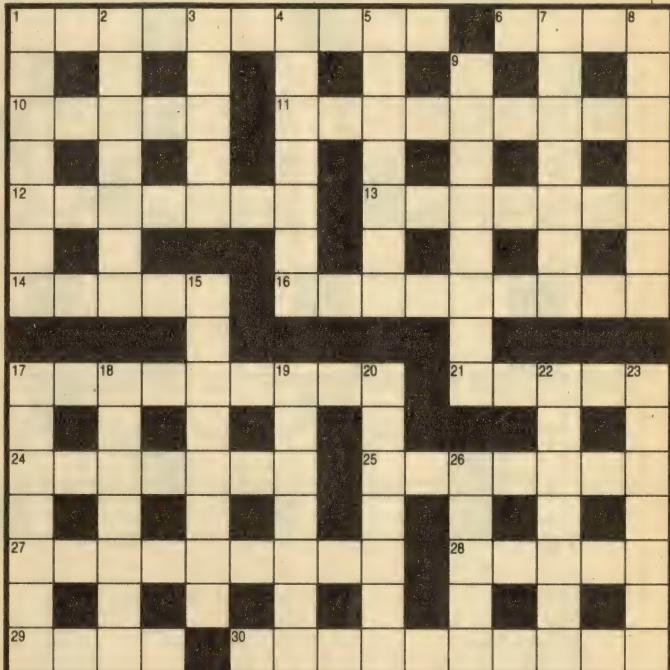
ACROSS

- Police raid disrupted magazine (10)
- Gloomy old poet making a comeback (4)
- Rolling Stone* is only the beginning (5)
- Call for an attempt to get a grand display (9)
- Sent Mr. Kennedy after *Time* retraction (7)
- Met stranger on train (3,4)
- Part of play observed, we hear (5)
- Tentmates struggling with bank account record (9)
- Football lineman in trade for beverage dispenser (9)

DOWN

- Moves to support city trains (7)
- Clairvoyance included in ceremony for relief (7)
- Rock, etc., to a singing group (5)

- I'm changing speed for blocks (7)
- Exotic regalia from African country (7)
- Reunite scattered entourage (7)
- Refuse to deal with young man at bed time (7)
- Washes part of chinchilla under shower (8)
- They pick the winner, poor loser, etc. (8)
- Catch first of horses with father in Iraqi city (7)
- In cosmonaut's return, foolishly err? Nyet (7)
- One of the Mouseketeers learned dances (7)
- List includes a kind of chicken (7)



- Goldminer's beginning to pay attention to (7)
- Ropes in the rest, surprisingly (7)
- Heads east, roughly following Pike's Peak (5)

PUZZLE 2

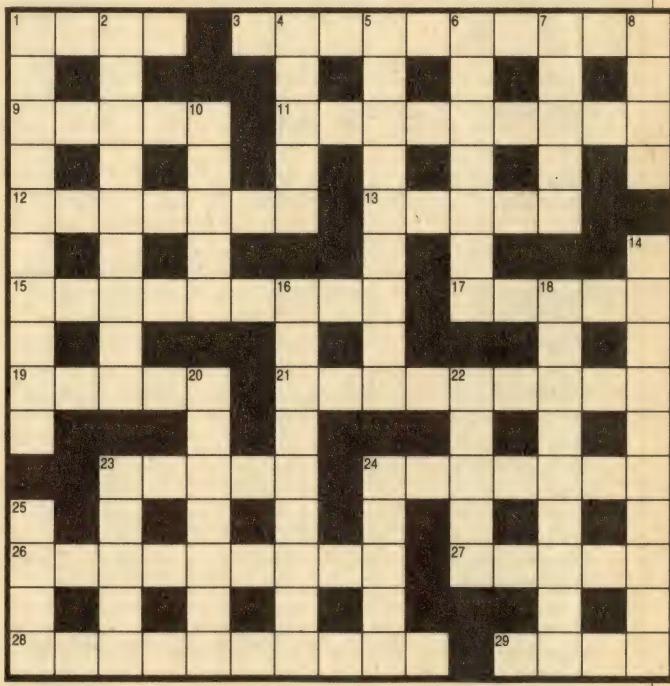
BY EMILY COX & HENRY RATHVON

ACROSS

- Rolling Rock bottle cap (4)
- Mother's phrase in fourth letter to planner (10)
- Land in return of Help! (5)
- Scottish movie featuring diet sandwich? (5,4)
- Savvy not in any way listened to (7)
- Ones in Tunis relocated (5)
- Stuntman survived many years, then died the wrong way (9)
- Number—understand? (5)
- Merle—stupid name for a guy (5)

DOWN

- Hillbilly in California raising seed for little birds (10)
- "Rough Road" (a grim message) (9)
- Shining silver bass (5)
- Touchingly true, in fact (9)
- Leader of regiment joined and fought back (7)
- Sadie changed lightbulbs? (5)
- Uplifting feeling: fate (4)
- Hurt Guevara in commercial (5)
- Turnout at 10:00 ball (10)
- DeVries, if drunk, wrote poetry (9)
- Badly moldering sourdough (9)
- Dotty Perrine is a complainer (7)
- Call up about one flower (5)
- Hat on rooster (5)



- Soldier wearing raincoat with enchanting quality (5)
- 500 = 100 = 0 (4)

For tips on solving cryptic crosswords, send a stamped return envelope to: "Cryptic Solving Guide," GAMES, 1350 Avenue of the Americas, New York, NY 10019.

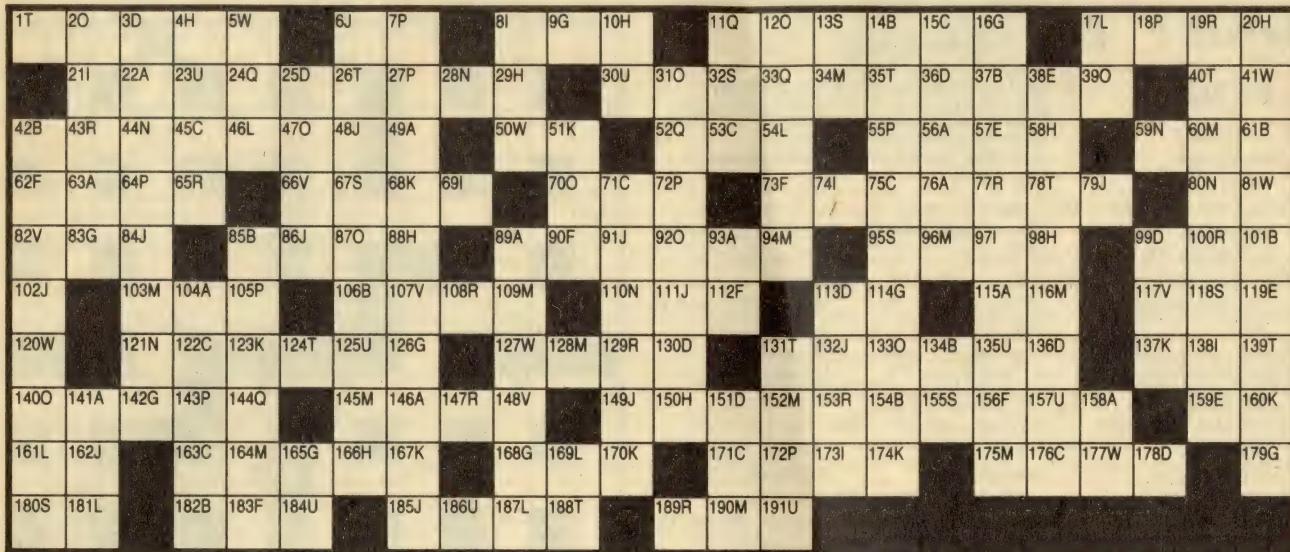
DOUBLE CROSS ★★

BY MICHAEL ASHLEY

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the author's name and the source of the quotation.

ANSWER, PAGE 56



A. Indian in <i>The Leather-Stocking Tales</i>	63 76 115 22 49 56 158 141 93 104 146 89	L. Book in which Word "A" appears (with 'M') (2 wds.)	17 46 54 169 161 187 181
B. U.S.S.R. republic on the Caspian Sea	14 37 42 61 85 101 154 106 134 182	M. See "L" (3 wds.)	34 60 109 128 190 145 94 96 152 175 164 103 116
C. Antidote to bad breath	163 176 122 45 53 171 75 15 71	N. Migratory route for a goose	121 28 44 80 59 110
D. X out	3 25 36 99 113 130 136 151 178	O. <i>Oi, ow, etc.</i>	87 47 31 2 70 12 92 133 140 39
E. Musical stop	119 38 57 159	P. Mother of John the Baptist (var.)	55 143 172 7 64 27 72 105 18
F. Inflammation of the ear	183 156 90 112 62 73	Q. Rock star Tom of The Heartbreakers	11 24 33 52 144
G. U.S. character actor (<i>Superman,</i> <i>Deliverance</i> , etc.) (2 wds.)	9 16 83 179 126 168 114 142 165	R. Followers of the PGA's Palmer (2 wds.)	19 43 65 77 100 108 129 147 153 189
H. Moniker of gangster Charles Arthur Floyd (2 wds.)	150 4 10 20 58 29 166 88 98	S. Marked by great tumult	13 32 67 95 118 180 155
I. Item first drilled in Titusville, Pa., in 1859 (2 wds.)	8 21 69 74 97 138 173	T. Period allowed for a test (2 wds.)	1 26 35 40 78 124 131 139 188
J. Movie hero played by Harrison Ford (2 wds.)	6 48 91 79 86 102 132 185 149 162 111 84	U. Self- contradiction in the name of a painting?	186 135 184 157 191 125 30 23
K. Symbol of conciseness	51 68 123 137 160 167 170 174	V. Uncle of Joel Chandler Harris stories	82 148 117 107 66
		W. Showing strong feelings	5 177 81 127 50 41 120

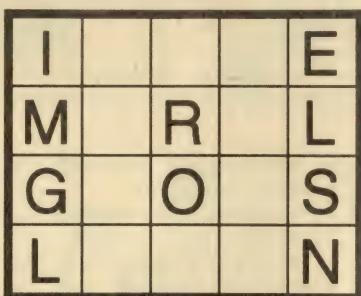
LETTER LOGIC ★★

BY LAWRENCE GRABER

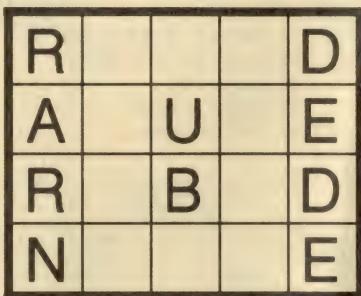
Fill in the empty squares in each grid below to complete four five-letter words reading across. What's the catch? The four words in each completed grid must contain 10 different letters, each used exactly twice. For example, in grid #1 the letter L already appears twice, so it can't be used again. The letter G, however, appears only once so far. Think of a word in which the second G will fit, and proceed from there. It may take you several tries to find the right combination of words—so keep your eraser handy.

ANSWERS, PAGE 60

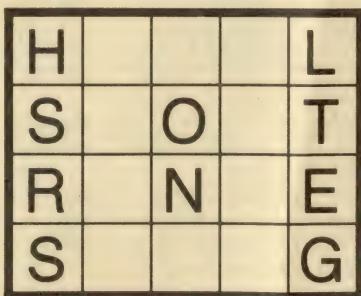
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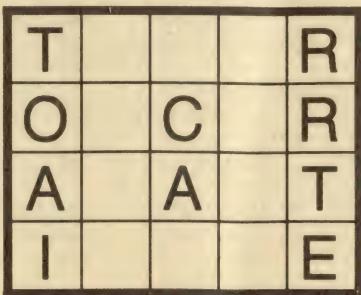
2



3



4



FOLD THIS PAGE

THE WORLD'S MOST ORNERY CROSSWORD

BY MIKE SHENK

Olla Podrida

The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easy." First, fold this page back on the dashed line so the clues below face the solving grid on page 37. If you use only the Hard Clues (appearing below and continuing under the grid), you'll find the puzzle uncommonly challenging. If you want help, or prefer a less severe challenge, open to the Easy Clues (tucked in beneath your fold on page 36).

HARD CLUES ★★

ACROSS

- 1 McIntosh masher
- 11 Embarrassing outbursts
- 17 Rail connection?
- 23 Feature of Monty Python humor
- 24 ___ too many (overdrank)
- 25 Yield
- 26 *Parsifal*, for one
- 27 Memory trace
- 28 Party get-together
- 29 Venn diagram region
- 30 Singer's bane
- 32 Computer screen symbol
- 34 The Eiger, e.g.
- 35 Chow
- 36 Suit material
- 37 *The Gondoliers*, for one
- 39 Clef kind
- 40 N.Y.C.'s Penn, for one
- 41 Last speaker in *Hamlet*
- 43 Dough-kneading machine operators
- 46 Angel Don
- 48 Give ___ (care)
- 49 Sleipnir's rider
- 51 Voices
- 52 Bringing up
- 54 Doll source?
- 58 Pre-Easter purchase
- 59 Upper hand
- 60 "___ ever so humble . . ."
- 62 Preminger classic
- 63 Lyre, in Leipzig
- 65 Actress Yothers of *Family Ties*
- 67 Today
- 70 Words from a gentleman
- 74 City on Lake Ontario
- 77 Brigade's equipment
- 78 Comb stopper
- 80 One of these
- 81 History's record, in cliché
- 83 Suffix
- 84 France's Ford
- 86 Soft leather
- 87 Leader of the Mel-Tones
- 88 Get snug
- 90 Motto of Maine
- 91 Kate's roomie
- 93 Barley beard
- 94 Fly-by-night flights?
- 96 Be human?
- 97 "Hints from Heloise" reader
- 99 Blubber
- 101 American Fur Company founder
- 102 Make a counterpane
- 104 Word in a legal decision title
- 105 ___-pensée (mental reservation)
- 107 Boxers, e.g.
- 109 Musical Horne
- 110 Orchid tuber
- 112 Ruth's successor
- 113 Theme of Vincent Lopez
- 115 Nefud bigwig
- 118 Batman and Robin, e.g.
- 121 Pulls ahead
- 124 Probe
- 126 Merge sign site
- 128 December air
- 129 Haggard
- 131 ___ in St. Louis
- 133 Voyageurs National Park location
- 135 Dirges
- 138 ___ und her (to and fro)
- 139 Qom's country
- 140 Some delusions
- 143 Heads of the class?
- 144 Ending with battle or ship
- 145 *Francoise*, e.g.
- 146 *Tootsie* attire
- 148 Scarce
- 150 Private's answer
- 151 Yeoman's answer
- 153 Didn't just call
- 155 Start of a famous line of poetry
- 157 Two-seater
- 158 Staring angrily
- 159 Trattoria staple
- 160 *Corrida* beast
- 161 National Gallery of Art funder
- 162 "Dumb blonde," for one

DOWN

- 1 Notch on a coin's edge
- 2 Peeved
- 3 Sample platters
- 4 Author Hunter
- 5 *Footloose* hero
- 6 Tedious talker
- 7 Press output
- 8 Protoplasm
- 9 SAG member
- 10 Pants part
- 11 Himalayan guide
- 12 Trapper
- 13 Joan Rivers's husband
- 14 *EI* ___ (1983 movie)

THE WORLD'S MOST ORNERY CROSSWORD (CONTINUED)

Don't Peek
Until You Read
Page 35!

EASY CLUES *

ACROSS

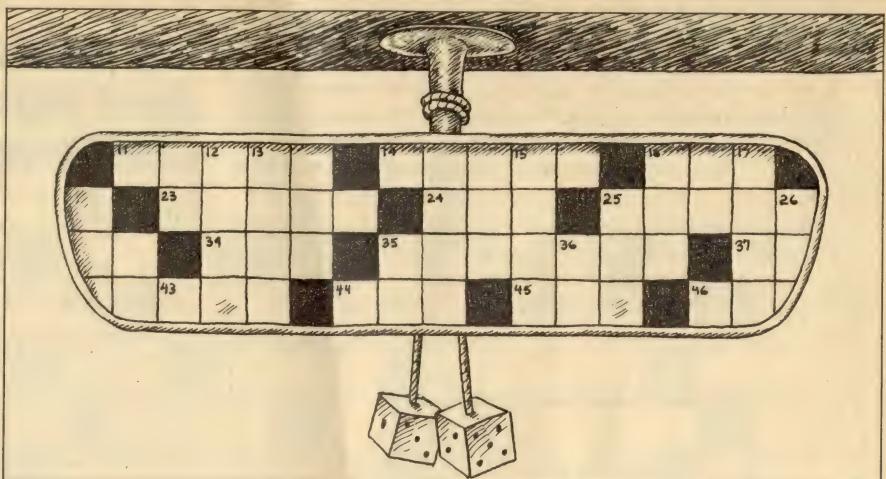
- Apple-squeezing device: 2 wds.
- Play parts
- Railroad track connector: 2 wds.
- Disrespectfulness
- for the road (took a last drink): 2 wds.
- Give in (to)
- Wagner's field: 2 wds.
- Memory-causing neural change (MANGER anag.)
- Political meeting
- AFL-CIO, e.g.
- Common flu symptom: 2 wds.
- Religious statue
- Swiss peak
- Pigs out
- Twilled fabric
- Gilbert and Sullivan specialty
- Choir voice
- Depot: Abbr.
- Prince of Norway, in *Hamlet*
- Detroit motor testers
- Place (classy New York address)
- "I don't give ____": 2 wds.
- Valhalla god
- Pronounces
- Rising on the hind legs, as a horse
- Kids (popular dolls): 2 wds.
- Color
- Border
- So ____ (amen): 2 wds.

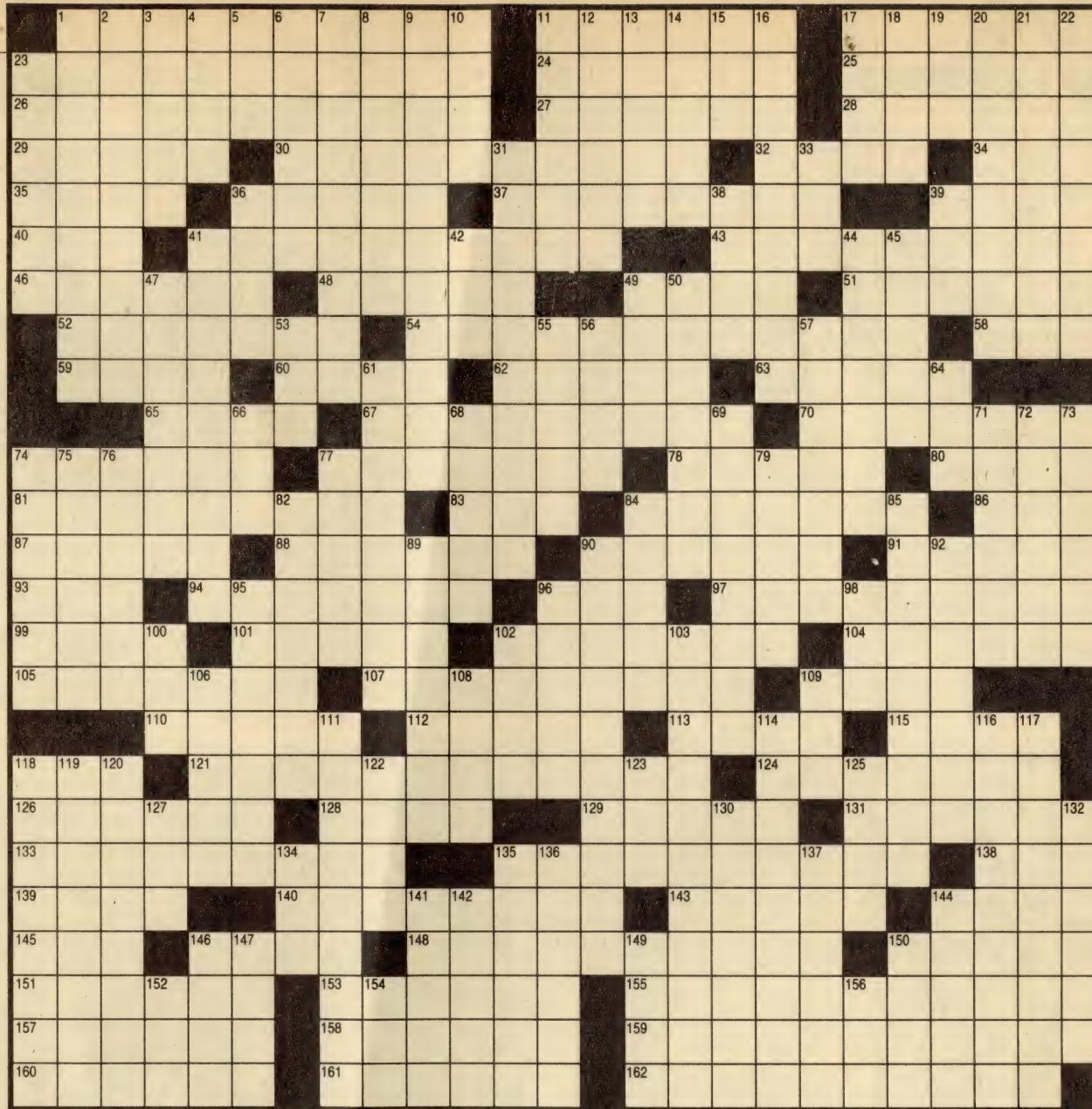
- Little House* girl
- Lyre: Ger. (RELIE anag.)
- Singer Turner
- The present age: 2 wds.
- "I'll do it": 2 wds.
- Upstate New York city (GOES OW anag.)
- Growl angrily
- That's partner
- ____ of history (records): 2 wds.
- Tally up
- Popular French auto (NOTICER anag.)
- BPOE member
- Crooner Mel
- Snuggle up
- I direct: Lat. (DIG RIO anag.)
- TV's *Kate and _____*
- Supply with a canopy
- Visine's target: 2 wds.
- Bungle
- Housewife
- Shed tears
- Tycoon John Jacob
- Do needlework
- Against, in law suits
- Behind: Fr. (REAR IRE anag.)
- Briefs and T-shirts, e.g.
- Singer Horne
- Orchid tuber (LAPSE anag.)
- Composer Copland
- Popular piano tune of 1916
- Muslim prince

- Simon and Garfunkel, e.g.
- Pulls into first place: 3 wds.
- Give a physical entrance: 2 wds.
- Highway Coward
- Sketched
- "____ in St. Louis, Louis": 2 wds.
- Mondale's home state
- Funeral songs (ON THE RIDES anag.)
- Thither: Ger. (in MACHINERY)
- Ayatollah's home
- "They're out to get me" feeling
- Martin and Jones
- Suffix for base or abase
- de plume
- A puff on a cigarette
- "A good man is ____": 3 wds.
- Polite refusal: 2 wds.
- Naval "yes": 2 wds.
- Grew, as vegetables
- Start of a Gertrude Stein line: 4 wds.
- Bicycle built for two
- Shining harshly
- Pizza-making need: 2 wds.
- The bull: Sp., 2 wds.
- Carnegie-____ University
- Cliché depiction

DOWN

- Leaf-edge tooth (RUNE TRACE anag.)
- Piqued
- Test records
- Welsh form of John
- Singer Woods (in CONFERENCE)
- Non-verse writer
- Journalist's writing
- Cell nucleus (REIGNED anag.)
- Movie performer: 2 wds.
- Barstool, e.g.
- Tibetan native (PHRASE anag.)
- Dugouts
- Mystery-writing award
- Spanish direction (TENOR anag.)
- Last Spanish queen
- Made of musical half-steps
- Tortilla-wrapped sandwich
- "I think ____" (Little Engine's phrase): 2 wds.
- Old French coin (in SECURITY)
- Stopped the motion of
- Seventh Commandment taboo
- Answer
- Slangy agreement: 2 wds.
- Dark greenish mineral
- "Silent" president
- Sound: Prefix
- Journey
- Actor Carney
- Non-native
- Bikini top
- Ball of comedy
- Singer Merman
- Pro wrestling style: 2 wds.
- Monster
- Business letter opening: 2 wds.
- Cager's org.
- Uncovered
- Em, to Dorothy
- Place to order oolong
- Phrase in a letter home: 3 wds.
- Decay
- Persona grata
- Dickers
- Atypical protagonist
- Spiral-shelled gastropods
- Natural habitat
- Glacial ridges (SEEKS R anag.)
- Canadian capital
- Pre-wedding party
- Klemperer of *Hogan's Heroes*
- Armada
- Underworld slang
- Hide ____ (kid's game): 2 wds.
- Odyssey enchantress
- Inform on others: 2 wds.
- Threefold (ENTREAT anag.)
- Like a ____ (sopping wet): 2 wds.
- Wyoming city
- Winter cap parts
- Actor Flynn
- Adam's mate
- Greek letters
- Wrap in wax (in SORCERESS)
- Totally: 3 wds.
- Cake message in *Alice in Wonderland*: 2 wds.
- Actress Arlene
- Not strict
- Five-pointed star
- Listen: 3 wds.
- Having trouble: 3 wds.
- Think about the good old days
- Rule over
- Goodyear competitor
- Christmas tree ball
- Fly high
- "You ____ Here"
- Home of Iowa State
- Raggedy ____
- Cry of despair: 3 wds.
- Main course
- '40s rent regulating org.
- Bullfighter
- Covert
- Write a speech (TIED IN anag.)
- Isn't worth ____ of beans: 2 wds.
- Spoken through the nose
- Tropical eel
- Fabric colorer
- 1985 movie *Williams*
- Table scraps (SORT anag.)
- Cartoonist Thomas
- Bother
- Mature
- Michigan/Ontario's ____ Canals





ANSWER, PAGE 56

HARD CLUES (CONT'D)

15 Bambi's aunt	41 "Cold As Ice" singers	68 Gives a hand	90 Symbol of soakedness	114 Hear out	136 Secreted
16 Chromatic	42 Corselet half	69 Holden Caulfield, for one	92 '60s TV Western	116 Inept cook's place?	137 Compose prose
17 Chihuahua chow	44 Mrs. Ricardo . . .	71 Spiral shells	95 Cap extensions	117 Wax nostalgic	141 Not worth ____ of beans
18 "____ Help" (Billy Swan hit)	45 . . . and Mrs. Mertz	72 Environment	96 Bette's <i>Elizabeth and Essex</i> co-star	118 Rule the roost	142 Like the vowels in <i>un bon vin blanc</i>
19 Three-livre coin	47 The Iron Sheik and Nikolai Volkoff, e.g.	73 Ice Age ridges	98 Joanne Woodward role of 1957	119 Firestone competitor	144 Reef predator
20 Tranquilized	49 Fiend	74 Gatineau Park location	100 Round numbers?	120 Trimming need	146 <i>Your Erroneous Zones</i> author
21 Hester Prynne's crime	50 Letter opener	75 Dangerous place at the Bates Motel	102 Bird bill part	122 Hang-glide	147 Riviera resort San ____
22 Stimulus follower	53 Cavalier's org.	76 Oskar of <i>Fahrenheit 451</i>	103 Completely	123 100 square meters	149 Plate leavings
23 "If you say so"	55 Disclosed	77 Speedy	106 Words on Carroll's cake	125 <i>Life With Father's Leon</i>	150 Tammany tiger's creator
31 Greenish amphibole	56 Polly, to Tom	79 Insider's lingo	108 <i>Charlie and the Chocolate Factory</i> author	127 Fay Wray's <i>King Kong</i> role	
33 <i>East of Eden</i> son	57 Café's cousin	82 Hide finisher	109 Bradley Term.'s airport	130 "Alas!"	
36 Noise: Prefix	61 Postcard closer	84 Daughter of Helios	111 Satanic symbol	132 Ballet opening	
38 Take a spill	64 Baloney	85 Squeal	135 Foe of 160-Across	134 Roof beam socket	
39 Cocteau's "science in the flesh"	66 "Never!" in Nevers	89 Arranged in threes		136 Busyness	
				137 Application form datum	
				138 Jack of <i>Barney Miller</i>	

THE LAST WORD ★★

BY FRASER SIMPSON

Each of the 12 sets of words below has a common denominator, some unusual factor that is shared by the six words in the set. It's up to you to determine what that factor is and identify which one of the three words under the list has it, too. For example, given SEXES, MOM, DEIFIED, LEVEL, POP, and RED-

DER, with choices DIVINED, ROTATOR, and STARTS, you'd pick ROTATOR: All the words are spelled the same forward and back. For how many of the following sets can you get the last word?

ANSWERS, PAGE 56

1.

SETTEE
RACCOON
EMBARRASS
APPELLATION
BASSOON
SUFFRAGETTE

- a. BEDROOM
- b. PROPELLER
- c. EGGSHELL

2.

TEA
EYE
SEA
QUEUE
ARE
WHY

- a. YOU
- b. ATE
- c. WEE

3.

MUSEUM
EARLOBE
YEARLY
SEAMSTRESS
WILLOW
DOODAD

- a. COCOON
- b. ERASER
- c. TABLET

4.

YOUTH
THEMATIC
USHER
SHEIK
ITALICS
MEDIUM

- a. THEATER
- b. WEEVIL
- c. DOMESTIC

5.

GIGGLING
REARRANGER
ASSESS
MINIMIZING
DIDDLED
PIZZAZZ

- a. DEEDED
- b. INTERMITTENT
- c. CANDIDACY

6.

REVILED
STRESSED
REPAID
STAR
DRAWER
PARTS

- a. VILE
- b. REGARD
- c. STINK

7.

PREVIEW
TALLOW
SELECTION
GOLDEN
BRAIDED
CLAMP

- a. TRACING
- b. CASHEW
- c. CONVERT

8.

CIVIC
LIVID
MIX
MILL
VIVID
DILL

- a. MIMIC
- b. LICIT
- c. MINIM

9.

BANANA
DEMONIC
FICKLE
HUMBUG
JABORANDI
LUCK

- a. NEMESIS
- b. NUDISM
- c. MEGATON

10.

GEL
GROUP
PLACE
FIXED
RESOLUTE
ADJUST

- a. USELESS
- b. COLLECTION
- c. AFGHAN

11.

RING
TOPS
MANATEE
WINDLESS
EARTH
ANGER

- a. MATTER
- b. TUNES
- c. OUGHT

12.

ACCEPT
BEGINS
ABHORS
CHINOS
BILLOW
EFFORT

- a. ALMOST
- b. BEFORE
- c. CENSOR

LUCKY LADY

BY MAX MAVEN

Most everyone will agree that 7 is a lucky number. But what's the luckiest card in a deck of cards? There's no doubt in my mind that it's the queen of diamonds. If you're willing to participate in a little experiment, we can prove it together.

From a standard deck of cards remove the queen of diamonds and a black ace, 2, 3, 4, 5, and 6. These are the only cards we'll need. Put the queen aside for the moment, and ar-

range the six black cards in numerical order, either from 1 through 6 or from 6 through 1.

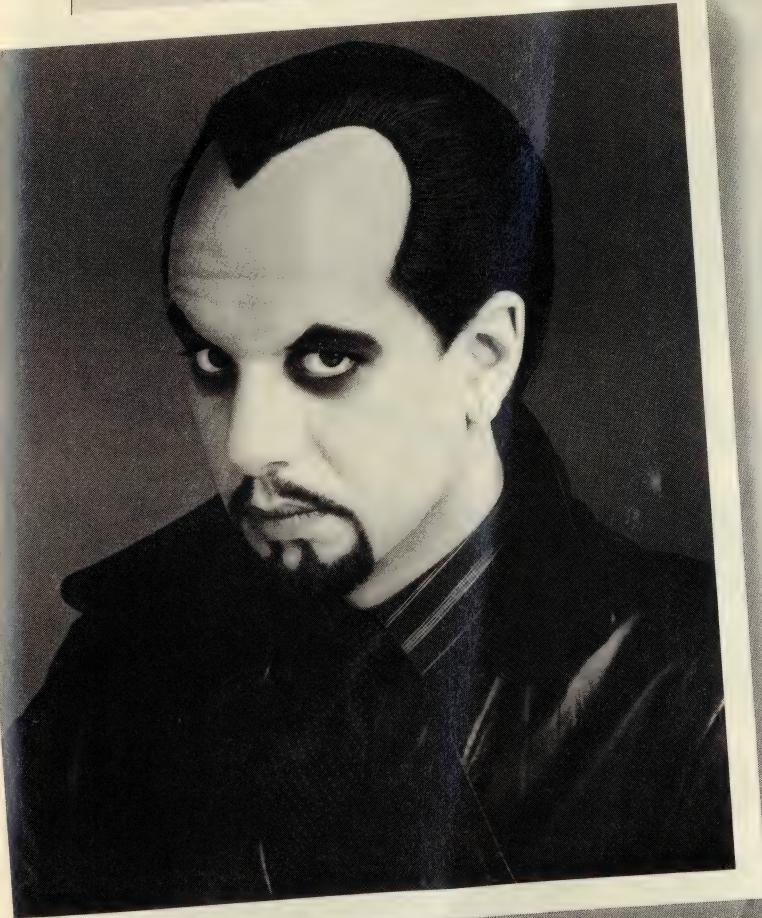
Hold the stack of six cards face down. Deal the top card face down to the table, then the next card on top of the first, then the third card on top of the first two. Place the remaining three-card stack face down next to the cards just dealt.

Now place either three-card stack on top of the other. Pick up the six cards and cut the stack—that is, transfer as many cards as you like from the top to the bottom. If you wish, cut the cards a second time in the same manner.

Pick up the queen, insert it in the stack anywhere you like, and again cut the cards once or twice. Now deal all seven cards into two stacks, alternating stacks with each card dealt. Pick up either stack and put it on top of the other. Cut the cards once or twice more, if you like.

Now look at the faces of the cards, keeping them all in order. If the queen is on either end of the stack, cut the stack once more so that the queen will be somewhere in the middle.

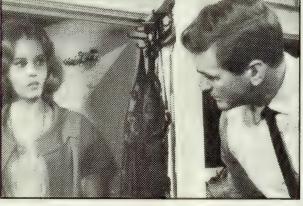
You'll agree you've been given a lot of latitude to make choices, and yet I can confidently predict that the queen is now located between two cards whose sum (counting an ace as 1, if necessary) will be found in Answers, page 60.



REEL TIME

Since taking a date to a movie these days is so expensive, we decided to stay home and take the movies to the dates instead. Scenes from 25 films fill the boxes of the calendar on these pages. The title of each film includes the word DAY, or is in some other way appropriate to the day or days on which it's pictured. To further help you identify the movies, the jotted notes provide clues to either the title or content of each film. For example, the movie pictured on the first of the month (with the note "Bowl Game") is *Black Sunday*, while the movie shown on the second ("Take Long Nap") is *Day for Night*. How many of the others can you identify?

ANSWER, PAGE 57

SUNDAY	MONDAY	TUESDAY
1 Bowl Game 	2 Take Long Nap 	3 Belmont Trip 
8 No Work 	9 Get Chablis and Flowers 	10
15 N.Y.C. 	16 Coal Delivery 	17 Brussels 
22 Get Directions 	23 No School 	24 Work Overtime 
29 Red Cross Drive 	30 Roman History Seminar 	31

WEDNESDAY

THURSDAY

FRIDAY

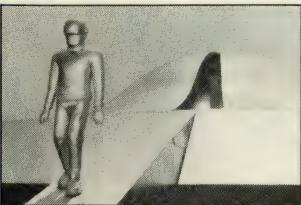
SATURDAY

4 Have
Clock Fixed

5 Pickup
Clock

6 Tickets To
"Stop The
World"

7 Doctor's
App't.

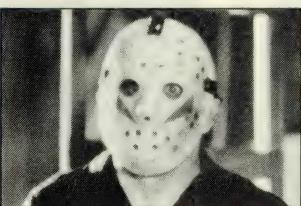


11 Zoo?

12 Late
Shift

13 Give
Blood

14 All-
Day Trip



18 Buy
Telescope

19 Aquarium
Show

20 T.G.I.F.

21 Get
Directions
For Trip →



25 N.E.
Today

26 Audubon Society Mtgs.

27

28



A TIMELY TEST FOR MOVIE FANS

BY ANDREA CARLA MICHAELS

★☆

EYEBALL BENDERS ★★

JAM SESSION

Can you identify the 15 pieces of this eyeball-bending orchestra?

ANSWERS, PAGE 60



1



2



3



4



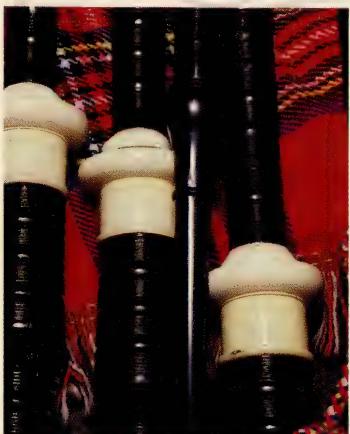
5



6



7



8



9



10



11



12



13



14



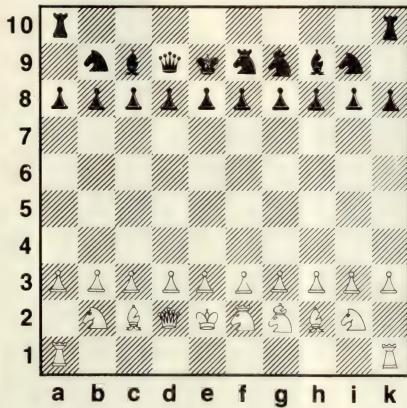
15

Grand Chess

With two new kinds of pieces and a 100-square board, Dutch game inventor Christiaan Freeling's new game has a more logical and complete structure than ordinary chess.

Christiaan Freeling's game of Grand Chess is played on a 10x10 board with an expanded set of chessmen. In addition to the normal set of 32 pieces, each player has a marshall (abbreviated "M"), a cardinal ("C"), and two extra pawns. The marshall combines the powers of rook and knight—that is, in a given turn, it may move as either a rook or a knight (just as a chess queen may move as either a rook or a bishop). The cardinal combines the powers of a bishop and knight.

The opening setup is shown below. The symbol for the marshall is a knight with a rook "cap," while the cardinal is depicted as a knight with a bishop cap.



The new pieces make Grand Chess considerably more complex than orthodox chess. Since each player has three pieces of approximately queen strength, chances for sacrificial attacks abound. But Freeling—whose other games include Chad, Havannah, Medusa, Emergo (see February 1986 GAMES), and The Glass Bead Game (see August 1986 GAMES)—invented Grand Chess for aesthetic reasons, and not because he felt that chess was not complicated enough. "I just followed my sense of completeness," he explains, "by introducing two pieces that are part of the structure of chess, but do not figure in it. For, disregarding king and pawn, there are three basic moves in chess: rook, bishop, and knight. The queen combines the moves of rook and

bishop, but both other possibilities—the marshall, combining rook and knight, and the cardinal, combining bishop and knight—remain disregarded, which seems a pity for such nice pieces."

All rules of normal chess apply to Grand Chess, with the following significant exceptions:

1. There is no *en passant* capture. (A pawn, however, may still advance either one or two steps on its first move—i.e., either to the fourth or fifth rank.)

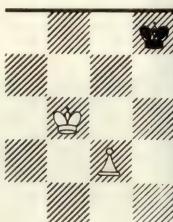
2. There is no castling move. (Rooks don't need any help developing in this game, and the king does not seem much safer on a wing than in the center.)

3. Promotion rules differ. Pawns promote on either the eighth, ninth, or tenth rank, at the player's option; and they may only promote to a piece that has been lost by their side. (Thus, unlike in chess, a player may not have two queens on the board at once.) A pawn may promote to a cardinal or marshall—provided such piece has been lost, of course—in addition to the usual choices. Promotion can only occur when a pawn moves; therefore, if a player moves a pawn to the eighth rank without promoting it, it must remain a pawn until it advances again. A pawn *must* promote on moving to the tenth rank. (If no piece has been lost, the pawn may not advance to the tenth rank—but it does check an enemy king there.)

The following problem shows, in a minimal way, why an option to promote is better than an obligation. White is to move and mate Black in two moves (assume the rest of the board is empty): The only solution is to push the pawn without promoting it.

Black's king move is forced, after which the pawn promotes to a queen, mate.

In Europe, where 10x10 checkerboards are common, it's fairly easy to improvise playing equipment for Grand Chess. Here it's more difficult, but the game is well worth the effort. —R. W. S.



Forerunners of Grand Chess

Grand Chess continues a tradition that can be traced back to 1617, when Pietro Carrera—a priest, chessplayer, and author from Sicily—proposed the addition of the same two new pieces, which he dubbed the "champion" (R+N) and the "centaur" (B+N). Carrera's Chess is played on a 10x8 board, with 10 pawns on each player's second rank. Each player's centaur is initially placed between the queenside rook and knight, while the champion starts between the kingside rook and knight.

In the nineteenth century, British tournament player H. E. Bird revived Carrera's idea. Bird placed the rook-knight to the immediate right of the king, and the bishop-knight to the immediate left of the queen.

The best-known game of this type was developed early in this century by World Chess Champion José Raoul Capablanca, who wanted to reduce the large number of draws in grandmaster play. Capablanca tried the game on both 10x10 and 10x8 boards, but found the latter preferable, probably because it preserved the normal distance between opposing pawns. In his game, the rook-knight (called a chancellor or minister) starts between the kingside bishop and knight, and the bishop-knight (called a cardinal or archbishop) starts between the queenside bishop and knight. When castling, kings move one extra square in either direction; otherwise, chess rules are unchanged. The game is sometimes called Lasker-Capablanca Chess, since Capablanca often played it with U.S. chessmaster Edward Lasker. Both players agreed that the game was much better than normal chess: Games seldom took more than 30 moves, draws were rare, and the tactics were much richer.

A slight problem with Capablanca's Chess is the difficulty of developing the rooks, even with the castling rule. Freeling's Grand Chess solves this problem dramatically, and also manages to preserve the chessboard's conventional square shape without altering the normal starting distance between opposing pawns. Another advantage of Grand Chess is that pawns promote more quickly than in Capablanca's Chess (or normal chess, for that matter). This accelerated promotion rule, by increasing the value of pawns, helps offset the increased likelihood that players will sacrifice pawns in order to develop an attack that takes advantage of the additional strong pieces.

—R. W. S.

PROBLEMS

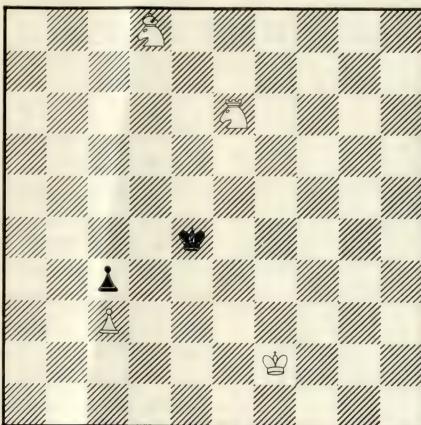
★☆

by Pal Benko

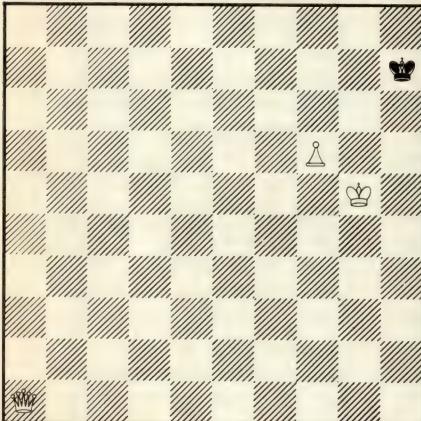
In the following problems, all the rules of Grand Chess apply. Problems I(A) and I(B) are "twins" (related compositions), as are the endgame studies III(A) and III(B). Note that the positions in the latter pair are unlikely to occur in practice, since Black's pawns would normally have promoted on moving to the eighth rank.

ANSWERS, PAGE 57

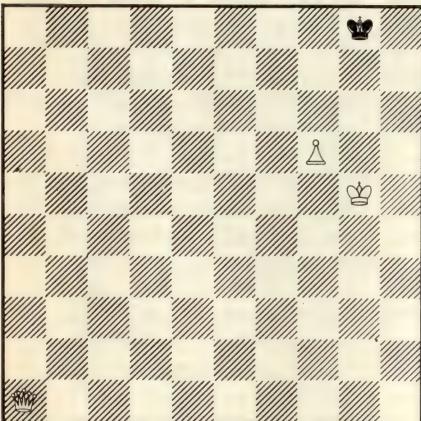
II. White mates in three.



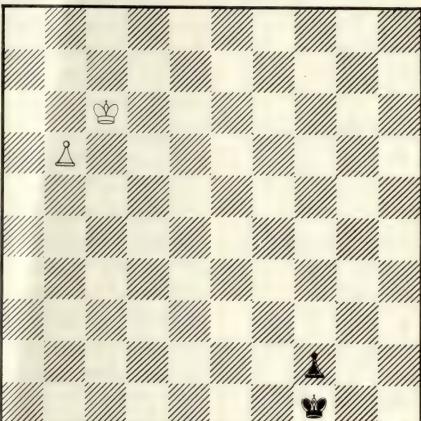
I(A). White mates in two.



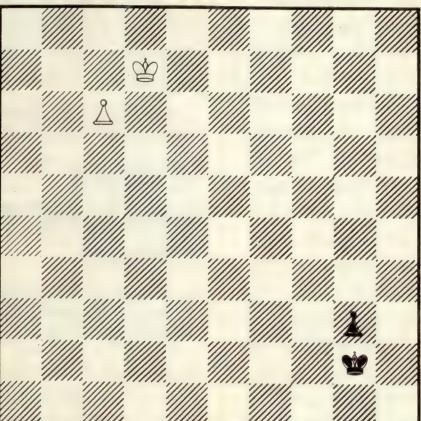
I(B). White mates in two.



III(A). White to move and win.



III(B). White to move and win.



Chess grandmaster and noted problemist Pal Benko is a six-time U.S. Open champion.

Bridge

by Paddy Smith

In each problem, South is declarer in the specified contract and faces some sort of problem in the trump suit. Plan the play.

Problem 1 ★

NORTH

♦ J 5 2
♥ 9 4
♦ K Q 8 6
♣ K 7 6 2

Match points
E/W vulnerable
Contract: 4 ♠
Opening lead:
King of hearts

SOUTH

♦ K Q 10 6 4
♥ 7
♦ A J 4 3
♣ A 8 3

Against silent opponents, you have reached a sound game contract. West leads the king of hearts and continues with the queen. Bearing in mind that 4-1 trump breaks are not uncommon, how should you proceed?

Problem 2 ★★

NORTH

♦ K 10
♥ Q 10 8 7
♦ A K 7 6
♣ K J 2

Rubber bridge
E/W vulnerable
Contract: 4 ♠
Opening lead:
King of hearts

SOUTH

♦ Q J 8 7 5 4
♥ 6
♦ Q 9 5 4 2
♣ 5

West opened the bidding 1 ♠, North overcalled 1NT, East ventured 2 ♠, and you closed the proceedings with 4 ♠. After winning the king of hearts, West shifts to the three of diamonds, which looks like a singleton; if so, how do you reduce the risk of a diamond ruff?

Problem 3 ★★★

NORTH

♦ K 2
♥ A Q 10
♦ 9 6 5 4 3
♣ 8 7 3

Match points
N/S vulnerable
Contract: 6 ♦
Opening lead:
King of clubs

SOUTH

♦ A 8 4 3
♥ 7 3
♦ A Q 10 8 2
♣ A 2

West opened the bidding 1NT, promising a balanced hand with 15-17 high card points. Nevertheless, you bid to a slam in your typically aggressive style. What is the biggest danger you face, and what can you do about it?

ANSWERS, PAGE 57

GAMES & BOOKS

EDITED BY BURT HOCHBERG



POWER "THE GAME"

**Power Games USA, P.O.
Box 99, Soulsbyville, CA
95372; \$29.95 postpaid**

This is a good war game for people who really don't like war games. There is no attempt at historicity, and the rules can be learned in 10 minutes, yet there's enough strategy to challenge even a hard-core wargamer.

The board shows four countries, each consisting of a corner home base plus an island divided into nine sectors. Five smaller neutral islands act as bridges when land units (infantry and tanks) move between countries. "Sea lanes," which only ships can occupy, separate the countries.

The game is primarily for four players, though it works well for three (the fourth army's units can be used by any or all players), and even for two (commanding two allied armies each). Each player receives a supply of 43 units of various types. A flag, two infantry, two tanks, two fighter aircraft, and two destroyers are placed in each base. Other forces enter the game

through winning battles, occupying enemy territory, and upgrading by exchanges.

Working against a timer, each player records up to five commands, each command moving a different unit its maximum movement allowance or less. Infantry can move up to two spaces, tanks up to three, planes up to five, and ships (confined to sea lanes and coastal spaces) only one.

When the time is up, all commands are executed simultaneously. If any space is then occupied by two or more players, a battle occurs, which is won by the player with the most power on that space. Each type of unit has a power value, ranging from 2 for an infantry up to 10 for a destroyer; but these values can be increased, as explained below. The victor in a battle captures all enemy units involved, trades them for matching units from his own supplies (the new units are placed in a "reserves" area near his home base), and returns the captured units to the opponents' supplies.

A player earns one "power unit" for each enemy country he occupies at the end of each round. Power

units can be exchanged for additional forces according to the forces' power values.

In addition, three identical smaller units occupying the same space can be exchanged for a similar unit with a much bigger bang. For instance, three infantry units (with a combined power value of 6) occupying the same space can be exchanged for a regiment (with a power value of 20); three destroyers (30) for a cruiser (50). An accumulation of power values totaling 100 can be exchanged for a megamissile, which can fly to any space on the board, destroying everything at that location, including itself.

An opponent is eliminated when his flag is captured in its home base, but the capturing force must include a slow-moving infantry or regiment unit. All surviving units of the vanquished army defect to their conqueror; they are removed from the board and traded for the captor's own units. The last survivor wins the game.

The rules are well written, though there are a few minor loose ends. These can be resolved in any way satisfactory to all players without affecting the game.

—Sid Sackson

LEATHER GODDESSES OF PHOBOS

**By Stephen Meretzky;
Infocom, on disk for most 64k
computers; \$39.95**

Once again Infocom has come through with an innovative work of interactive fiction. Although the company's particular brand of humor has been present to some degree in all of its

games, only twice before—in *Planetfall* and in *The Hitchhiker's Guide to the Galaxy* (both by Steven Meretzky)—has Infocom attempted science fiction comedy. *Leather Goddesses* is, of all things, a science fiction sex comedy.

It's actually a spoof of the kind of superhero science fiction that was prevalent in comic books of the 1930s. (For anybody who has never seen one, Infocom has provided an example in 3-D, along with red-blue glasses to read it with. And read it you must; it contains important clues.) The story takes the hero (or heroine—the program allows the player to be either male or female) from the restroom of a seedy bar in Upper Sandusky, Ohio, to the jungles of Venus, the canals of Mars, a tiny house in Cleveland, and the palace of the Leather Goddesses on the Martian moon Phobos, among other locations. Our hero, it seems, is slated to be the subject of certain unmentionable experiments which will enable the Goddesses, after invading Earth, to make humans their sexual playthings. For some reason, this must be prevented.

As you move about, collecting the various items you need to defeat the LG of P, you encounter members of the opposite sex, and what happens then depends on your willingness to engage in . . . well, you know. But the author has cleverly arranged things to minimize the risk of offending anyone. At any point in the game you can switch to any of three naughtiness levels—"tame" (about as racy as a Betty Crocker cookbook), "suggestive" (no more so than on TV's

Moonlighting), or "lewd" (lewd).

Many of the puzzles you must solve in order to get to the places you need to get to and obtain the objects you seek involve wordplay: There's a word search puzzle (of a particular type that GAMES readers will recognize), a cryptogram, a riddle, and an "odd machine" whose function is a delight to discover. There's also a bi-level labyrinth full of nasty creatures; getting through it will require more than the map provided.

The level of difficulty is "Standard"—tougher than Infocom's "Introductory" adventures but not as hard as "Advanced" or "Expert." *Leather Goddesses* is one of Infocom's finest achievements, pure pleasure from start to finish.

—B. H.

ELLERY QUEEN'S MYSTERY MAGAZINE GAME

Mayfair Games, Inc. \$17

Eagerly awaited by mystery fans, and long overdue, Ellery Queen's Mystery Magazine Game is finally here. The wait has been worthwhile: It's a real mystery-lover's game, with all the excitement and flavor of a well-crafted whodunit.

The game comes packed with material. The glossy double-sided game board depicts Manhattan on one side, and on the other the fictitious rural town of Bromlee Station ("Bromlee" is a combination of the names of the game's designers: Darwin Bromley, president of Mayfair Games, and Laird Brownlee). There's a four-page Basic Rules booklet, an eight-page Advanced Rules booklet, a New York Detective's Guide (chock full of useful information for any visitor to the Big Apple, and including 229 different clue locations for players of the game), a Chamber of Commerce

Guide to Bromlee Station (with 150 clue locations), and cards describing the detectives. The five cases presented in the thick Casebook run the gamut from the murder of a mystery writer to a neat locked-room mystery.

Game play is easily grasped. Players each select a detective from the six provided (including Ellery Queen himself), each of whom has special contacts and areas of expertise which allow him to get extra information at certain locations and from certain characters.

The introduction to the selected case is read from the Casebook, and the players place their tokens on the indicated numbered locations on the board. The numbers refer players to a Location Index, which in turn refers them to a Clue Index, which tells them where in the Casebook to find the appropriate clue. Although having to check three different references is a bit cumbersome and confusing at first, the cleverness of the system more than compensates for this. Some clues are revealed automatically as the game progresses. In competitive play, each detective can "squelch" up to three clues, rendering them unavailable to the other players. Solitaire rules are also provided.

The guide books play a key role. Specific locations are listed for any type of information required (communications, art, chemistry, etc.), and a list of neighborhoods includes the types of information to be found in each. There are, for instance, five banks, three libraries, six "hangouts," and a host of churches, clubs, hotels, stores, etc. Each turn, a player may either stay within a neighborhood and look up two clues, move to an adjacent neighborhood and look up one clue, or move two neighborhoods away but see no clues.



To win, a player first proposes a solution and then silently reads the correct solution in the Casebook. (Keep a mirror handy, since the solutions are printed in mirror-image.) If he is correct in every detail, he wins the game.

Mayfair plans to release supplemental cases, but the game includes everything you need to create your own, from blank clue and

location indexes to hints for constructing a suitably convoluted mystery.

Similar in spirit to the now-classic Sherlock Holmes, Consulting Detective (see *The Games* 100, November 1986), Ellery Queen's Mystery Magazine Game is an excellent production and well worth the mystery lover's serious attention.

—Matthew J. Costello

LOGICMASTER

Logicmasters, P.O. Box 7795, San Diego, CA 91207; \$3.95 plus 75¢ postage

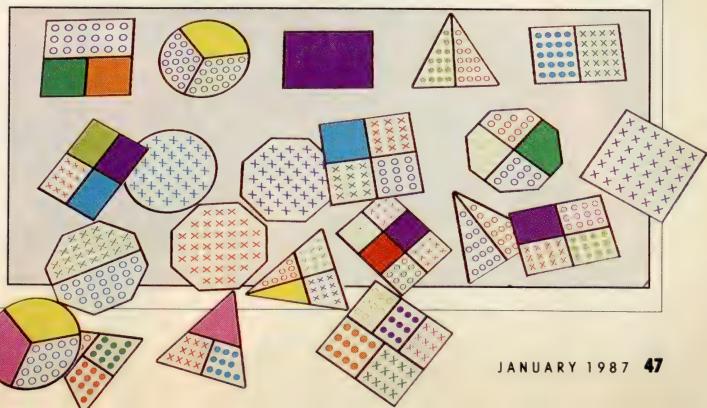
LogicMaster consists of 25 colorful pieces of laminated cardboard in five different shapes. Each shape has several areas on it containing solid colors or patterns—green X's, red circles, purple dots, and so on. The object is to sort the pieces into five sets, each set containing one piece of each shape, with no two

shapes having the same pattern or solid color.

The first few steps are easy: If four triangles contain purple X's and the fifth does not, a circle with purple X's must go with the fifth triangle. But later steps are trickier and subtler, requiring you to combine two or three bits of information at one time.

Beware: Beneath LogicMaster's bright appearance lurks a real four-star challenge. Helpful hints are provided, but the solution is not.

—S. M.



Winston America's Best.

Excellence.
The best live up to it.



16 mg. "tar", 1.2 mg. nicotine av. per cigarette by FTC method.

SURGEON GENERAL'S WARNING: Quitting Smoking
Now Greatly Reduces Serious Risks to Your Health.

CONTEST ★★

Grand Prize:
A piggy bank
and \$200 in coins

5 Runner-Up Prizes:
A GAMES T-shirt

ROLICKING HIGGLEDY RHYTHMICAL PIGGLEDIES HUMOROUS POETRY

Although poets too numerous to mention have employed the sonnet form, the origin of this type of verse is obscure. Not so the double dactyl, a verse form that has been employed, mainly for humorous effect, by poets too few to matter.

One October afternoon in 1951, Anthony Hecht, a poet and fellow of the American Academy in Rome, was lunching with two other academicians—fellow fellows, if you will—Paul and Naomi Pascal. Basking in the mellow Italian sun, they took to musing about the word schistosomiasis, which is not only a nasty tropical disease but also a one-word double dactyl; that is, its six syllables are made up of two dactyls, three-syllable groups with the stress on the first syllable of each, like higgledy-piggledy.

Since that's the sort of thing academicians love to muse about, these three spent the entire afternoon musing about it. By dinner time, they had given birth to a bouncing baby verse form.

The Higgledy-Piggledy, as we call it, consists of exactly eight lines, and its rules are few but rigid:

1. Lines one, two, three, five, six, and seven (that is, the first three lines of each of two four-line stanzas) are composed of two dactyls, such as higgledy-piggledy or any other combination of words or syllables with that stress pattern.

2. Lines four and eight are each composed of one dactyl plus the first



stressed syllable of another, such as higgledy-pig. These two lines must rhyme.

3. Line one is usually a set of nonsense syllables: jiggery-pokery; pat-a-cake, pat-a-cake; anything-anything. They may (but aren't required to) refer to the subject of the second line.

4. The second line must be a double-dactyl proper name: Romeo Montague, Juliet Capulet. Some latitude is allowed in the use of initials (Franklin D. Roosevelt), epithets (Ivan the Terrible), or titles (Alfred Lord Tennyson, President Kennedy); but the name *must* be recognizable (so if you have a brother-in-law named Julio Eisenberg, forget it).

5. The other lines should refer humorously or satirically to the subject of line two—his or her life, times, accomplishments, characteristics, etc.

6. Any line that is a one-word double dactyl (like idiosyncrasy or gubernatorial) is an especially good line that may earn the coveted "schistosomiasis bonus," a little extra favor bestowed on your entry by our judges.

How to Enter Send as many entries as you wish, making sure that each entry is on a separate piece of paper along with your name and address. Entries will be judged on cleverness and humor. The decision of the judges, as always, is final. —M. E. S.

Mail Entries to: Higgledy-Piggledies, GAMES Magazine, 1350 Avenue of the Americas, New York, NY 10019. Entries must be received by March 2, 1987.

HIGGLEDY-PIGGLEDIES:

Just for the Fun of It

The following verses demonstrate both the beauty and the banality of the form. The first two were taken from the book *Jiggery-Pokery* (Atheneum Press, 1966), edited by Anthony Hecht and John Hollander.

*Patty-cake, patty-cake,
Marcus Antonius
What do you think of the African Queen?*

Gubernatorial Duties require my Presence in Egypt. Ya Know what I mean?
—Paul Pascal

*Higgledy-piggledy,
Benjamin Harrison,
Twenty-third President,
Was, and, as such,*

*Served between Clevelands, and Save for this trivial Idiosyncrasy,
Didn't do much.*
—John Hollander

*Higatique-pigatique
Josephine Bonaparte Said, "My short husband's too Big for his pants,*

*Egomaniacally,
Characteristically,
Counterproductively Cozening France."*
—M. E. S.

*Higglesky-pigglesky
Mister Baryshnikov Spoke of his life in the U. S. S. R.*

*"There I was dancer," he Said with some modesty.
"U. S. is wonderful—
Here I am star."*
—B. H.

CONTEST RESULTS

FROM JULY

CALCULATRIVIA IV

Entrants delved into encyclopedias, almanacs, atlases, and even board games and videotapes to find enough answers to complete the nearly 6,000 entries we received for this contest.

This latest version of Calculatrvia (the fourth to appear in GAMES) was divided into four categories—Arts & Entertainment, Math & Science, Earth History & Geography, and Sports & Games. Each category consisted of 15 trivia questions leading to numerical answers, which in turn were to be plugged into a somewhat intimidating equation to yield a final answer. Readers could enter any of these individual categories or the General category, combining all 60 questions. The correct answers, with the final values for the five categories, appear below.

While we plead guilty to making some of the questions difficult to research, we didn't deliberately set out to make any of them tricky. Some comments on the most commonly missed questions follow.

In the Arts & Entertainment category, question b asked for the value in shillings of the money Dr. Caius claimed was stolen from him in Verdi's opera *Falstaff*. The correct answer was 17 ("due scellini del regno d'Edoardo e sei mezze-corone" means "two shillings and six half-crowns," a half-crown being equivalent to 2 1/2 shillings). Unfortunately, a number of entrants went to an incorrect English translation of the opera libretto which mistranslated

"mezzecorone" as "florentines," leading to an answer of 14. In the same category, question k called for the number of Tribbles in the *Star Trek* episode "The Trouble with Tribbles." The correct answer was 1,771,561, although apparently the number was changed in a novelization of the episode.

In the Math & Science category, question j

asked for the number of gills in a fluid dram. There are 32 fluid drams in a gill, making the answer not 32, as many solvers thought, but 1/32.

In checking the number of countries bordering Austria (Earth History & Geography, question f), many entrants overlooked tiny Liechtenstein.

Another discrepancy turned up in the Sports & Games category: Question k called for the total number of baseball games that had been cancelled in 1981 due to the players' strike. Some sources list 713 or 714, but only 712 is correct, as verified by the Baseball Commissioner's Office.

And question m, which asked for the maximum number of squares a dragon king can attack in the game of shogi, was missed by many entrants. A dragon king (a promoted rook, which is able to attack 20 squares) is different from a king, which can attack eight squares at most.

The grand prize winner, chosen by a random draw from among the 258 correct entries in the "G" category, is Gail Paulson, of Denver, Colorado, who wins a home video camera and recorder. The first-prize winners of the individual categories, each chosen by random draw from among the correct entries in that category, follow (the number of correct entries and prize appear in parentheses): **A** (263; 10 VCR movie tapes) Frank M. Sellers, Pottstown, PA; **M** (366; a high-tech telephone) John E. Greer Jr., Wilmington, DE; **E** (672; a collection of foreign coins) Jim Meyers, Beloit, WI; **S** (100; a Nintendo Entertainment System) Byron Stultz, Springfield, OH. Runners-up, each winning a GAMES T-shirt, are: **G**—Jonathan Berkowitz, Vancouver, British Columbia; Stephen Fallon, Billerica, MA; E. Lynne Fitzmorris, Baldwinsville, NY; Steven Glazewski, San Antonio, TX; Timothy Ng, Hyattsville, MD; **A**—Anne Butman, Danvers, MA; Kyle Corbin, Raleigh, NC; Cindy Curtis, Flint, MI; David W. Ulrich, West Hartford, CT; Janet and Nancy Vodra, Brookfield Center, CT; **M**—Robin Asaki, Scottsdale, AZ; Steven Blasberg, San Jose, CA; Joanne J. Maynard, Saugus, MA; Bob Swanberg, Calgary, Alberta; Carl Riehl, Landenberg, PA; **E**—Mark Diehl, San Jose, CA; Michael Gibson, Los Angeles, CA; S. Deane Kissick, Wamego, KS; Robert Lyon, Urbandale, IA; Tim Rydell, Southfield, MI; **S**—Tom Cooch, Randolph, VT; Dale Johannessen, Sunnyvale, CA; Mary H. Murphy, Wayne, PA; Pat Naylor, Kent, OH; Mark Sienkowski, Sterling Heights, MI.

—M. S.

FROM SEPTEMBER

HIDDEN CONTEST

Close to 3,200 keen-eyed readers jumped all over September's Hidden Contest. In several spaces in the World's Most Ornery Crossword grid were small italicized numbers, which, referring to the letters appearing there when the answers were filled in, spelled out the message, SEND US A PICTURE OF A NINE-DOWN. Readers bounded off in search of *National Geographic* magazines, children's coloring books, and newspapers where pictures of a KANGAROO might be found. Some enterprising readers, taking note of the Easy Clue for 9-Down, sent pictures of Bob Kee-shan, a.k.a. Captain Kangaroo.

Among our favorite entries were a poster-size cardboard cutout of a kangaroo whose pouch held pamphlets promoting the Brookfield, Illinois, Zoo (submitted by Barb Cuber, of LaGrange, IL), which we displayed at our reception desk for a couple of months; a pair of well-worn Kangaroo© sneakers (sans Odor Eaters, unfortunately); an album cover featuring the song "Tie Me Kangaroo Down, Sport"; and two envelopes hand-sewn in the shape of a kangaroo, including pouch.

The 25 T-shirt winners chosen at random are: Robert Bell, San Jose, CA; Julie Berthold, Pacifica, CA; Edward R. Brill, Highland Park, IL; Carol L. Campbell, Columbus, OH; Cynthia H. Carroll, Jacksonville, FL; Laurie Dunn, Evergreen, CO; Brian Farrington, Oxford, OH; Mrs. John Gallaher, Winston-Salem, NC; Margaret Jasiewicz, Mishawaka, IN; Carolyn B. Johns, Valley, AL; Mark Kirby, Courtenay, British Columbia; A. C. Koch, Mt. Clemens, MI; Robert Lichten, Oak Park, IL; Bo Light, Richland, MI; Gerda Mohl, Lakewood, CO; Terry L. Oden, Rohnert Park, CA; David Ropp, Stillman Valley, IL; Sheril Richards, Cross Lanes, WV; Steven C. Schuh, Franklin Farm, VA; Ricky Smith, Lakeland, FL; T. Smith, Jonesboro, AR; Virginia M. Swift, Edina, MN; Eugene P. Tripp, Newport, RI; Sandra Wisniewski, Ottawa, IL; Michelle N. Wootton, Ft. Lauderdale, FL.

—J. K.

FROM AUGUST

CARTOON REBUSES

For the results of the rebus-solving contest and the winning entries in the rebus-creating contest, see page 30.

★☆ WILD CARDS ☆★

EDITED BY MIKE SHENK

IN OTHER WORDS JAPANESE 101

You don't need to know Japanese to take this test—just match the 15 Japanese words (1–15) with their English translations (a–o), and see if you aren't surprised at just how much Japanese you know.

1. *aisu-kuriimu*
2. *bodoreis*
3. *chuin-gamu*
4. *erebeeta*
5. *gaserin-stando*
6. *kauboi*
7. *koruset*
8. *kushon*
9. *kyabetsu-sarada*
10. *naito-kurabu*
11. *nekutai*
12. *pinsetto*
13. *rasshu-awa*
14. *rekodo-pureya*
15. *sukewa-dansu*

- a. cole slaw
- b. cowboy
- c. cravat
- d. elevator
- e. forceps
- f. girdle
- g. gum
- h. ice cream
- i. night club
- j. phonograph
- k. pillow
- l. regatta
- m. rush hour
- n. service station
- o. square dance

—Ruth Freedman



NUMBER PLAY MULTIPLE PERSONALITY

If the three digits of a certain number are multiplied together, and the result is then multiplied by four, the answer is the original three-digit number. What is the number?

—Karen Nimmons

FOR THE RECORD NATIONAL LEAGUE

Each pair of words below can be placed after a certain nationality to form two familiar phrases. For example, *junk* and *checkers* both follow *Chinese*. What nationality goes with each of the following pairs?

1. toast and leave
2. pine and tape
3. massage and meatballs
4. walnut and muffin
5. dressing and roulette
6. shepherd and measles
7. moss and omelet
8. oven and treat
9. hairless and stand-off
10. coffee and stew
11. goulash and rhapsody
12. bath and delight
13. steak and cheese
14. ice and bread
15. beetle and lantern

—Laurie Eynon

TRIVIA MOVIE MARATHON

We couldn't decide whether to watch *Black Beauty* or *Bye Bye Birdie* on our VCR, so instead we made a list of two- and three-word movie titles in which all the words begin with the same letter. We came up with movies for all but five letters of the alphabet. Can you do as well? —R. L.

TEASERS A CENTURY PLUS

In 1940 there were nearly 3,700 centenarians (i.e., people over the age of 100) in the United States. How many are there today?

- a. 3,000
- b. 14,000
- c. 37,000

—S. A. S.

LOOK WHAT'S IN A NAME?

Can you detect what common characteristic these eight names share?

CHARLIE RICH ANNA MAGNANI
ELSA LANCHESTER
MICHELE LEE RAY BRADBURY
LOUIS AUCHINCLOSS
CHARLOTTE RAE ALFRED ADLER

—Doug and Janis Heller

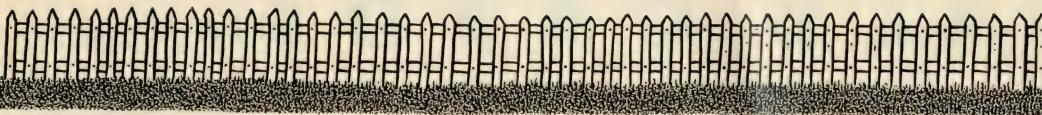
WORDPLAY HIJINKS

For each of the words at right, a new word can be formed by inserting three consecutive letters of the alphabet somewhere in the word. For example, *INKS* could become *HIJINKS* by inserting the consecutive letters *HIJ*. (In the five cases at right, however, the consecutive letters will be inserted somewhere in the middle of

the word, never at the beginning or end.)

1. SING
2. CAY
3. PARE
4. REINED
5. THIS

—Joan Leary



WORDPLAY HOMOPHONE HEADS

Each of the following pairs of clues leads to two four-word headlines. The words in the second headline are homophones (words that sound the same but are spelled differently) of the words in the first, always in the same order. For example, the clues "Grizzly Devoured Pure Birds" and "Naked Octet Pursued Unfair Ball" lead to BEAR ATE CHASTE FOWL and BARE EIGHT CHASED FOUL respectively.

1. Pre-Noon Solar Rays Lit Interior; Grieving Child Given Hotel Tour
2. Carpenter Insect Munches on Post; Might Uncle's Wife Select T-Bone?
3. Noble Looks Closely at Entire Basement; Empty Wharfs Disconcerted Vendor
4. Excavator Made Leather Knots; Unimportant Water Movement Influenced Boyfriends
5. Letters Dispatched in Direction of SST; Man's Cologne Not Unusual Enough
6. Gambler Oxygenates Loaf-Making Mixture; Superior Beneficiaries Raised Female Deer
7. Group of Blond Children Awarded Coffin Stand; Taxi Passenger Made Single Ale
8. Rasp Synagogue Singers Purchase Song of Praise; Equine Trots Past the Man

—Stephen Sniderman

FOR THE RECORD LATITUDE ATTITUDE

Each of the five sets of latitude and longitude (1–5) at right corresponds to the location of one of the listed cities (a–e). By using a little knowledge of geography, some common sense, and logic, you should be able to pair them up correctly.

—Louis Phillips

TEASERS RESTATEMENTS

The post office abbreviation for Oklahoma is OK, which could be interpreted as "An endorsement in Tulsa." Similarly, each of the following clues leads to a common two-letter abbreviation with two different meanings, one used by the post office. Can you identify all 10?

1. Surgeon in Annapolis
2. Colonel in charge in Boulder
3. Advanced degree in Boston
4. Electrical flow in the Capitol
5. Surgery site in Eugene
6. Soldiers' agency in Norfolk
7. Loudspeaker in Erie
8. Coroner in Bangor
9. Criminal's method in Hannibal
10. Proof of name in Pocatello

—M. E. S.

LOOK DYNAMIC DUOS

What common characteristic do the pairs of words below share?

BENEVOLENT and LOVE
UNEVEN and EVEN
BARONESS and SENORA
PREVENT and NEVER
REBIRTH and TRIBE

—Raymond D. Love

NUMBER PLAY PUBLISH AND PARIS

The following is an excerpt from a letter written by Blair E. Ide, an English instructor at a major university:

"We'll visit Paris in the summer, if we can afford it. It will depend on the promotion decisions next month.

"Dryasdust Press is thinking of publishing my book *Too, Too Solid Flesh: A Study of Fatty-Deposit Imagery in Shakespeare*. If the editors agree to publish it, my English department is almost certain to nominate me for promotion to associate professor. The Dean is equally as likely to okay the nomination. And of course the President and Board of Regents will rubber-stamp the Dean's decision.

"Unfortunately, Academic Press published a study of Shakespearean fatty-deposit imagery last year, so there's a definite possibility that they'll decide against publishing my book. In that case, even though there's still an even chance that the English department will nominate me (I won't be promoted if they don't, needless to say), the Dean will probably disapprove the nomination. He's practically certain to disapprove it if the head of the English department attaches a dissenting statement to the departmental recommendation. (This is a real possibility if my book is rejected.)

"So we're keeping our fingers crossed."

If Mr. Ide's words are assigned the values shown below, what is the likelihood that his family will see Paris in the summer?

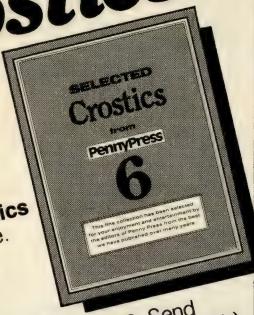
PRACTICALLY CERTAIN	= 95%
ALMOST CERTAIN	= 90%
PROBABLY	= 75%
AN EVEN CHANCE	= 50%
A DEFINITE POSSIBILITY	= 30%
A REAL POSSIBILITY	= 15%

—Bob Stanton

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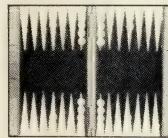
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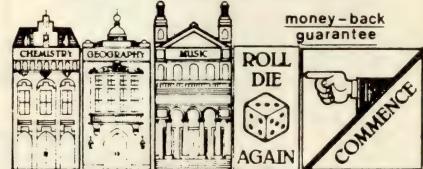
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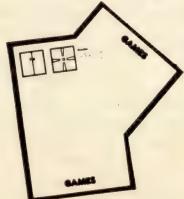
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EVENTS

DAY OF THE MONTH: JANUARY 4

"Trivia Day" is celebrated by sharing a little-known fact with others. Sponsored by the Puns Corps, this day salutes people who know all sorts of interesting bits of information. Head trivialist Robert L. Birch ties what he calls significant trivia to mnemonics (a memory-improving technique). One branch, memory dynamics, employs a system in which consonants are assigned number values. In this system, for example, T=1 and R=4. Thus, TR, for trivia, is represented as 1-4 (January 4). For more information contact: Puns Corps, Box 2346, Falls Church, VA 22042.

If you plan to attend any of the following events, write or call to check entry fees, dates, sites, eligibility, etc. Include a SASE with your request. If you know of other events suitable for this column, write to Events, c/o GAMES.

GAME CONVENTION A unique combination of strategy games, science fiction, and fantasy will be featured at the Universe 87 convention, January 2-4, at the Los Angeles Airport Hilton Hotel, in California. Over 180 tournaments for war games, family games, role-playing, and miniatures are scheduled, as are seminars by sci-fi authors, a fantasy art show, films, an industry exhibit, and more. Fee: \$14 for one day, \$20 for three. Contact: Universe 87, P.O. Box 2577, Anaheim, CA 92804, or call (213) 920-8705.

ICE FISHING Fishing for tagged fish is no small-fry endeavor as big cash prizes are awarded at the Saratoga Lake Ice Fishing Derby, January 10-11, in Saratoga, Wyoming. Prizes are also offered for the largest brown, cutthroat, and rainbow trout and for the fishermen with the most persistence and the worst luck. The fee is \$10 for two days of fishing. Contact: Saratoga-Platte Valley Chamber of Commerce, P.O. Box 1095, Saratoga, WY 82331, or call (307) 326-8855.

JUMP ROPE Jumpy Jacks and Jills of all ages can break out their sneakers for the 27th Annual World Rope Jump Contest, January 31, in Bloomer, Wisconsin. Trophies awarded for the most jumps in 10 seconds and for the highest jumper. Contact: C. Morning, 2504 Duncan Rd., Bloomer, WI 54724, or call (715) 568-5218.

MAP DASH Homebodies can enjoy a coast-to-coast journey within their own living rooms in the 24th Annual St. Valentine's Day Massacre contest. Supplied with instructions and a Rand McNally Atlas, indoor road-ralliers must travel from the Statue of Liberty in New York City to the Golden Gate Bridge in San Francisco, answering 80 questions along the way. Trophies are awarded to the most accurate travelers. Completed entries are due by February 28. Contact: The Massacre, Box 53, La Canada, CA 91011.

SCOTTISH HIGHLAND GAMES Cousins and clans can show their tartan colors at the Orlando Scottish Highland Games, January 17, in Florida. Competitions will be held in piping, dancing, fiddling, and the running of the Kilted Mile. Also included are Scottish food and vendors, and the grand Tartan Ball. Fee is \$6 per person. Contact: Orlando Scottish Highland Games, P.O. Box 2149, Orlando, FL 32802, or call (305) 644-0516.

WINTER FEST One million people are expected to celebrate the "winternational" theme of this year's Winter Carnival, January 21-February 1, in St. Paul, Minnesota. Included in the program are: Japanese carvers who will create 30-foot snow sculptures, softball and car racing on ice, snowmobile speed runs, ice castle building, concerts, fireworks, a calligraphy exhibit, contests, and prizes. Fees vary, depending on event. Contact: St. Paul Winter Carnival Assoc., North Central Life Tower, Suite 600, 445 Minnesota St., St. Paul, MN 55101, or call (612) 297-6953.

RESULTS

BRIDGE 1986 World Championships: Over 60 countries were represented in this giant playoff. Jon and Pam Wittert won the World Mixed Pairs division; top finishers in the World Knockout Teams were Steve Robinson, Peter Boyd, Kit Woolsey, Robert Lipsitz, Neil Silverman, and Ed Manfield; Open Pairs winning team was Jeff Meckstroth and Eric Rodwell; Women's Pairs winners were Jacqui Mitchell and Amalya Kearse. All winners were from the United States. (Bal Harbour, Florida, September 13-27)

CHESS World Championship: Defending champion Gary Kasparov retained his title by defeating former champion Anatoly Karpov, 12 ½ - 11 ½, with five outright wins for Kasparov, four for Karpov (a win earns 1 point, a draw a half-point). Under the rules of the match, the first half of which was played in London and the second half in Leningrad, the winner would be the first player to win six games or score 12 points, except that the champion would keep his title in the event of a 12-12 tie. (July 28-October 8)

DARTS Lucky Lights Black Gold Classic (a segment of the Lucky Lights Dart Series): Wade McDonald won first place in Open Singles; Mary Brost came in first in the Women's Open Singles; the Open Doubles 501 went to Wade McDonald and Dick McGinnis; Women's Doubles first place was taken by Elizabeth Landrum and Becky Hulsey; Open Doubles Cricket went to Rocket Bronder and Jeff Green; Women's Doubles Cricket was won by Conn Sroka and Karen Alias. Mixed Doubles 501 winners were Wade McDonald and Kim St. Germaine; and Mixed Triples winners were Rich Baldwin, Conn Sroka, and Karen Alias. Total cash prizes awarded to winners in the tournament came to \$10,000. (Oklahoma City, OK, October 3-5)

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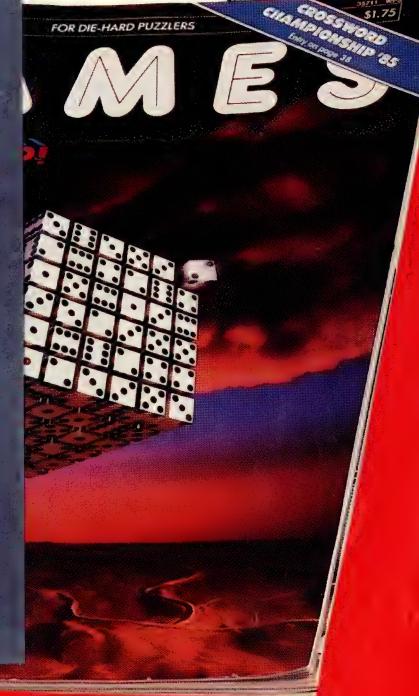
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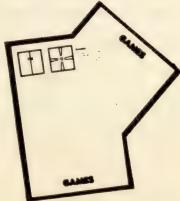
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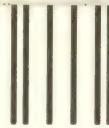
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ANSWERS

14 LOGIC

Paddleford's teams were as follows:
 East: Helen and Max
 West: Sylvia and Lee
 North: Emily and Ted
 South: Vicki and Paul
 Central: Becky and Irv
 The tournament, won by Central, ran as follows:
 (teams in italics represent winners):

MONDAY

1. East vs. West; 2. North vs. South; 3. Central vs. West

TUESDAY

1. East vs. South; 2. North vs. Central; 3. East vs. West

WEDNESDAY

1. South vs. North; 2. Central vs. East; 3. South vs. West

THURSDAY

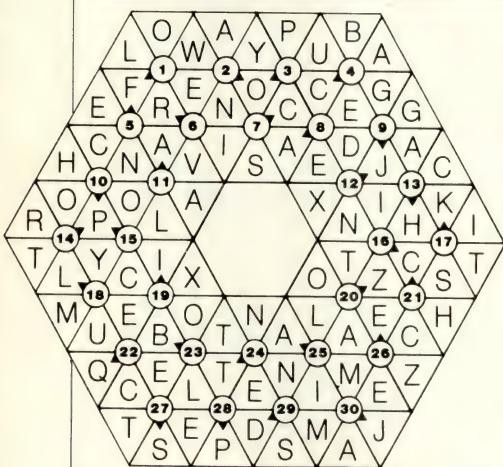
1. Central vs. South; 2. North vs. East; 3. North vs. South

FRIDAY

1. South vs. Central; 2. South vs. Central

For a detailed solution, send a self-addressed stamped envelope to "Paddleford," GAMES Magazine, 1350 Avenue of the Americas, New York, NY 10019.

23 "B" HIVE



28 DSZQUPHSBNT!

- CRYPTOON. "For tonight's performance, the part of Macbeth will be played by my little boy, Timmy. Your patience is appreciated."
- UNIQUE APPROACH. It requires a very unusual mind to undertake the analysis of the obvious.—Alfred North Whitehead.
- SPACE BAR. After taxing day at typing school, quick red fox was just too pooped to jump over lazy brown dog.
- DAFFYNITION. Beehive: Structure where bees produce honeycombs, or Cockney admonition to mind your manners.
- LOONY. Bird-watchers crane necks, jump on stilts, duck behind shrubs, catching glimpse of water fowl.
- FLEECED? Cautious sheep rancher fired capable employee when he heard new shepherd was associated with crooks.
- NOT AGAIN, SAM! Tone-deaf old salt, living in rustic shanty, bores former shipmates by playing favorite sea chanty off-key.

20 WINTER BLUNDERLAND

Left third, roughly left to right:
 Couple is standing in chimney.
 Mountaintop snow has melted, but snow on mountainsides has not.
 Shirt is hanging from ski lift line.
 Skier is carrying baby on ski lift.
 Horse has antlers.
 Horse is not connected to sleigh.
 Skater is wearing roller skates.
 Fish is jumping through ice.
 Hockey game is being played with doughnut.
 Man's scarf has two different patterns.

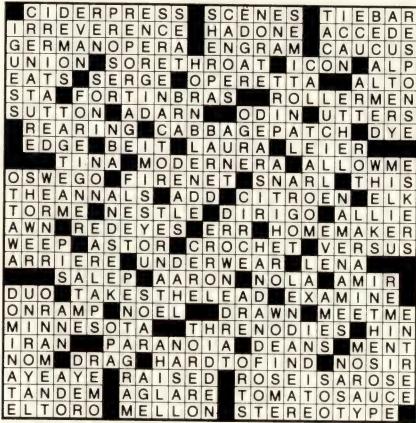
Center:

Roller coaster is operating in background.
 Snowman has two noses.
 Right-hand sled has exhaust pipes.
 In group at ski rack, dark-haired man is wearing one glove and one mitten.
 Walking skier is leaving barefoot prints.
 Same skier is carrying three skis.
 Man in foreground is wearing one rubber boot.
 Large umbrella is on ski rack.

Right:

Smoke is blowing in opposite direction from chimneys at left and center.
 Trees on mountainside are growing at angle.
 Person is skiing on lodge roof.
 Upper ski lodge balcony has no entrance.
 Lower ski lodge balcony has no steps where railing is missing.
 Person has just dived into pool behind lodge.
 Baby carriage is parked next to snowmobiles.
 On mountainside, second skier from top is skiing backward.
 Skier's tracks (extreme right) go around tree.
 Next skier down is leaving no tracks.
 Skier in front of him is water-skiing.
 Skier in right foreground is holding golf club instead of ski pole.
 Skier in blue jacket has playing card in place of lift ticket.
 Child is wearing half earmuffs, half headphones.
 One of child's skis is on backward (as noted in introduction).
 Tracks behind child do not match the position of his skis.

37 OLLA PODRIDA



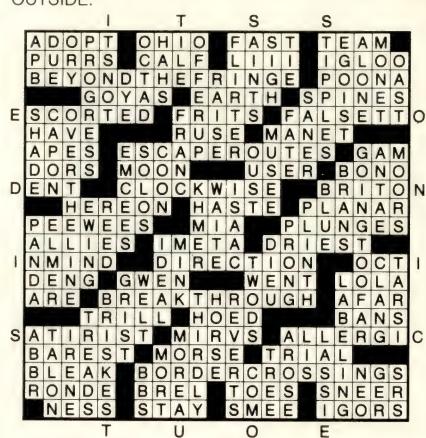
10 GAMEBITS

At Wits' End

1-j; 2-d; 3-h; 4-f; 5-b; 6-j; 7-c; 8-a; 9-g; 10-e.

29 A WALK AROUND THE BLOCK

Sixteen of the answers in the puzzle are examples of 43-Down ("going too far"); that is, they are one letter too long for the grid. These words all require their extra letters to be entered 32-Down ("over the line"), as illustrated below. When read in 51- and 70-Across ("clockwise direction"), these extra letters spell the hidden message: IT'S SO NICE OUTSIDE.



38 THE LAST WORD

- c. EGGSHELL (words with two pairs of doubled letters)
- a. YOU (homophones of letters)
- c. TABLET (words that begin and end with the same letter)
- b. WEEVIL (words beginning with a pronoun)
- b. INTERMITTENT (words with one letter appearing four times)
- c. STINK (words that can be reversed to form other words)
- a. TRACING (words that become new words when the first letter is removed)
- a. MIMIC (words consisting of letters that are Roman numerals)
- b. NUDISM (words whose last letters immediately precede their first letters in the alphabet)
- b. COLLECTION (synonyms of "set")
- c. OUGHT (words that become new words when the last letter is shifted to the front)
- a. ALMOST (words whose letters are in alphabetical order)

34 DOUBLE CROSS

A. CHINGACHGOOK	M. OF THE MOHICANS
B. AZERBAIJAN	N. FLYWAY
C. MOUTHWASH	O. DIPHTHONGS
D. ELIMINATE	P. ELISABETH
E. REST	Q. PETTY
F. OTITIS	R. ARNIE'S ARMY
G. NED BEATTY	S. RIOTOUS
H. PRETTY BOY	T. TIME LIMIT
I. OIL WELL	U. UNTITLED
J. INDIANA JONES	V. REMUS
K. NUTSHELL	W. EMOTIVE
L. THE LAST	

There is one phrase that indelibly . . . epitomizes everything in the East African soul—the Swahili words: 'Bado kidogo.' They mean: 'Not Just Yet.' It is more futile than *mañana*, slightly more optimistic than *Maybe*. All will come, but Not Just Yet.—(James) Cameron, *Point of Departure*

44 STRATEGY

Grand Chess

I(A). 1. Qk10+, Kxk10 2. h8=C mate.

I(B). 1. Qa9, and now:

(i) If 1. . . . Kk10, 2. h8=C mate.

(ii) If 1. . . . Kh10, 2. h8=M mate.

Note that 1. Qk10+ does not work: 1. . . . Kh9 and White cannot play 2. h8=Q since he already has a queen on the board.

II. 1. Ca7, Ke4 (If 1. . . . Kd5 2. Mf6+, Ke5 3. Cd4 mate; while if 1. . . . Kd6, 2. Mf6+, and now either 2. . . . Ke5 3. Cd4 mate, or 2. . . . Ke7 3. Cc9 mate, or 2. . . . Kc7 3. Mf7 mate.) 2. Cd4, Kd3 (If 2. . . . Kd5 3. Mf6 mate) 3. Mf2 mate.

III(A). 1. b8=C! (1. b8=Q? only draws, as in similar positions in orthodox chess: 1. . . . Ki2 2. Qb2, Ki1 3. Qi9+, KK1 4. Qh8, Ki1 5. Qi7+, KK1 6. Qh6, Ki1 7. Qi5+, Ki1 8. Qh4, Ki1 9. Qi3+, Ki1! and now 10. Qxh2 is a stalemate), Kg1 (If 1. . . . Ki2 2. Cg3+, Kh3 3. Ch1 wins) 2. Ca7+, Kh1 (If 2. . . . Kg2, 3. Cc6+, Kg1 4. Cf3+ wins; while if 2. . . . Ki1 3. Ce3+, Ke1 4. Cg2+, Kf2 5. Ci3 wins) 3. Ce3! (Not 3. Cf2+? Kg2 4. Cg4, h1=C 3. . . . Ki2 4. Cf5+, Kh1 (If 4. . . . Ki1 5. Cg3 wins) 5. Ch4, Kg1 6. Cf3+ wins.

III(B). 1. c9=Q! (Not 1. c9=C? Kh2 2. Cb8+, Ki2? 3. Cd7+ [if 3. Ce5, Kk1 draws], Ki1! 4. Ce5+, Kk1! draw), Kk3 (if 1. . . . Kk1 2. Qc1+, Kk2 3. Qk8+, Ki1 4. Qf4+, Kk2 5. Qk4+, Ki2 6. Ke8 etc., wins) 2. Qc3, Kk2 3. Qf6, Kk1 4. Qk6+, Ki1 5. Qe1+, Kk2 6. Qh4, Kk1 7. Qk4+, Ki2 8. Ke8, Kh3 9. Qh6+, Kk2 10. Qg5+, Kh3 11. Qh5+, Kk2 12. Qj4+, Kh2 13. Qh4+, Ki2 14. Kf7, Kk1 15. Qk4+, Ki2 16. Kg6 etc. wins.

Bridge

1. Instead of ruffing the second heart, you should discard a club. If hearts are continued again, you can ruff in dummy and draw trumps. Ruffing the second heart would be a mistake, since it could hardly gain (you will lose a club eventually) but could cost the contract if the trumps are 4-1. For example, suppose that you ruff the second heart and lead a trump. Both defenders play low, and when you lead another trump, West plays low again while East discards. You must now start cashing diamond and club winners until West ruffs, just to hold your losses to down one. For if you continue drawing trumps, West will win the ace and lead another heart, forcing you to use up your last trump while he still has a trump and, very likely, two more hearts to cash.

2. If East has the ace of trumps, there is nothing you can do to avoid the impending diamond ruff. If West has the ace of trumps, however, you can keep East from gaining the lead by rising with the ace of diamonds and leading the queen of hearts from dummy, discarding the five of clubs from your hand. Now you can win any return and draw trumps. Had you failed to make the key play of leading the queen of hearts—technically known as a "Scissors Coup" because it cuts the defenders' line of communication—and led trumps instead, you would have failed if East held the ace of clubs. West could then have won the ace of trumps, led a club to his partner's ace, and gotten a diamond ruff.

3. In view of West's opening bid, which promises at least a doubleton diamond, there is a very real danger of a 3-0 trump split. By avoiding playing trumps as long as possible, you have a good chance of making the hand despite such a break. The correct order is therefore: win the ace of clubs, lead a heart to the ten, cash the king of spades, lead a spade to the ace, lead a heart to the queen, cash the ace of hearts (discarding the deuce of clubs), ruff a club, ruff a spade, ruff a club, and ruff a spade. If West can ruff this last spade with the jack, you will have to hope his king will drop under your ace. But if West follows suit, simply lead a trump from dummy and play low from your hand when East shows out. West will have to concede the last two tricks by leading into your ace-queen.

40 REEL TIME

The movies are as follows:

- 1 *Black Sunday*
- 2 *Day for Night*
- 3 *A Day at the Races*
- 4-5 48 HRS.
- 6 *The Day the Earth Stood Still*
- 7 *Saturday Night Fever*
- 8 *Never on Sunday*

- 9-10 *Days of Wine and Roses*
- 11 *The Day of the Jackal*
- 12 *A Hard Day's Night*
- 13 *Friday the 13th*
- 14 *Long Day's Journey Into Night*
- 15 *Sunday in New York*
- 16 *Bad Day at Black Rock*
- 17 *If It's Tuesday, This Must Be Belgium*
- 18 *On a Clear Day You Can See Forever*
- 19 *The Day of the Dolphin*
- 20 *Thank God It's Friday*
- 21-22 *The Lost Weekend*
- 23 *Ferris Bueller's Day Off*
- 24 *The Longest Day*
- 25 *Any Wednesday*
- 26-28 *Three Days of the Condor*
- 29 *Sunday, Bloody Sunday*
- 30-31 *The Last Days of Pompeii*

Credits: *A Hard Day's Night*, *The Day of the Jackal*, *Day for Night*, *Days of Wine and Roses*, *Thank God It's Friday*, *The Day of the Dolphin*, *Sunday in New York*, *The Day the Earth Stood Still*, *A Day at the Races*, *The Longest Day*, *Never on Sunday*, *Three Days of the Condor*, *Long Day's Journey Into Night*, *Bad Day at Black Rock*, *The Lost Weekend*, *The Last Days of Pompeii*, *Saturday Night Fever*, *On a Clear Day You Can See Forever*, and *Ferris Bueller's Day Off* from Phototique; *If It's Tuesday, This Must Be Belgium*, *Sunday, Bloody Sunday*, and *Black Sunday* from Movie Star News.

27 SCREEN PLAY



18 MY LIFE IN JEOPARDY!

1. Who was Chef Boy-Ar-Dee?
2. What was Best Western?
3. What is six? (Dopey couldn't talk, let alone sing.)
4. What is a gorilla guerilla?
5. What is a wife?
6. Who is Gary Collins?
7. What is weasel?
8. Who is Howard Cosell?
9. Who is Dick Cavett?
10. What are libraries?

Questions and answers 1-3 were written by Steven Dorfman; #4 by Jules Minton; #5 by Harry Eisenberg; #6 by Garry Lee; #7 by Barbara Heller; #8 by Carlo Panno; #9 by Ruth Deutsch; #10 by Victoria Haselton.

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30 CARTOON REBUSES

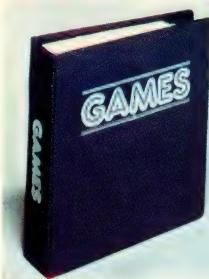
1. *Psychology Today* (SIGH-COLLEGE-E-TWO-DAY)
2. *The Great Gatsby* (THE-GRATE-GATS-B)
3. Walter Cronkite (WALL-TURK-RON-KITE)
4. Chesapeake (CHESS-UP-EEK)
5. Frankie Valli (FRANK-EVE-ALLEY)
6. Fidel Castro (FEED-L-CAST-ROW)
7. Aphrodite (AFRO-DYE-TEE)
8. San Diego Zoo (SAND-E-A-GOES-OOO)
9. Trapper John (TRAP-URGE-ON)
10. New Delhi (NUDE-EL-E)
11. *Tora! Tora! Tora!* (TORAH-TORAH-TORAH)
12. Perry Como (PAIR-REEK-OH-MOW)

Contest Answers from August:

1. Bismarck (BIZ-MARK)
2. Jonquil (JOHN-QUILL)
3. Kate and Allie (K-TAN-DALLY)
4. *The Pickwick Papers* (THE-PICK-WICK-PAY-PURRS)
5. Jules Feiffer (JEWELS-FIFER)
6. Idaho State (I'D-A-HOST-EIGHT)
7. Mademoiselle (MAD-M-WAS-L)
8. "Doctor My Eyes" (DOCK-TERM-AYE-AYES)
9. Doug Flutie (DUG-FLUTE-E)
10. Andy Rooney (AND-E-RUE-KNEE)
11. *Los Angeles Times* (LOSS-ANNE-JEALOUS-TIMES)
12. Tina Turner (T-NUT-EARNER)
13. Ursa Major (ER-SOME-AGE-ER)
14. Darjeeling (DAR-G-LING)

FAKE AD

The Fake Advertisement announced in the Table of Contents was for WriteAway and appeared on page 14. Pen constructed and photographed by Nick Koudis.

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31	32	33	34	35	36		37	38	39	40
41	42	43	44	45	46		47	48	49	50
51	52	53	54	55	56		57	58	59	60
61	62	63	64	65	66		67	68	69	70

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WILD CARD ANSWERS

33 CRYPTIC CROSSWORD 1

ACROSS

- 1 Periodical (police raid)
- 6 Drab (bard)
- 10 Onset (stone)
- 11 Pageantry (page + an + try)
- 12 Emitted (Ted + Time)
- 13 Ran into (on train)
- 14 Scene (seen)
- 16 Statement (tentmates)
- 17 Bartender (end + barter)
- 21 Sight (site)
- 24 Greater (grater + e)
- 25 Appoint (paint + P.O.)
- 27 Detergent (deter + gent)
- 28 Title (beAT IT LEad-in)
- 29 Days (daze)
- 30 Represents (R + pretenses)

DOWN

- 1 Propels (prop + els)
- 2 Respite (ESP + rite)
- 3 Octet (etc. to)
- 4 Impedes (l'm + speed)
- 5 Algeria (regalia)
- 7 Retinue (reunite)
- 8 Boycott (boy + cot + t)
- 9 Launder (chinchilla UNDER Shower)
- 15 Electors (loser etc.)
- 17 Baghdad (bag + h + dad)
- 18 Reentry (err nyet)
- 19 Darlene (learned)
- 20 Roaster (roster + a)
- 22 Glisten (g + listen)
- 23 Tethers (the rest)
- 26 Pates (east' + P)

33 CRYPTIC CROSSWORD 2

ACROSS

- 1 Cork (Rock)
- 3 Mastermind (Ma's + term + in + D)
- 9 India (in + aid)
- 11 Local Hero (lo-cal + hero)
- 12 Knowhow (no-how)
- 13 Units (Tunis)
- 15 Daredevil (lived + era + d.)
- 17 Digit (dig it)
- 19 Elmer (Merle)
- 21 Royal blue (your bell + a)
- 23 Capri (CAPRicious)
- 24 Malamud (maul Mad)
- 26 Impending (imp + ending)
- 27 Conan (con + an)
- 28 Contradict (contract + Di)
- 29 Urge (SURGEons)

DOWN

- 1 Chickadees (hick + CA + seed)
- 2 Radiogram (road a grim)
- 4 Aglow (Ag + low)
- 5 Tactually (T + actually)
- 6 Rallied (r + allied)
- 7 Ideas (Sadie)
- 8 Doom (mood)
- 10 Ached (Che + ad)
- 14 Attendance (at + ten + dance)
- 16 Versified (DeVries if)
- 18 Goldminer (moldering)
- 20 Repiner (Perrine)
- 22 Lilac (call + l)
- 23 Capon (cap + on)
- 24 Magic (GI + mac)
- 25 Disc (D + is + C)

26 ANAGRAM ADD-UP

The answers may appear in any order.

1. ROACH (B) + KITE (F) = ARTICHOKE (O)
2. TEAPOT (E) + SHOT (N) = TOOTHPASTE (H)
3. OLIVE (G) + STEIN (I) = TELEVISION (A)
4. HOLE (J) + STENCIL (P) = CLOTHESLINE (D)
5. TRUCK (K) + CRANE (M) = NUTCRACKER (C)
6. EIGHT (L) + TAPS (R) = SPAGHETTI (Q)

JAPANESE 101

- 1-h, ice cream
- 2-l, regatta ("boat race")
- 3-g, gum ("chewing gum")
- 4-d, elevator
- 5-n, service station ("gasoline stand")
- 6-b, cowboy
- 7-f, girdle ("corset")
- 8-k, pillow ("cushion")
- 9-a, cole slaw ("cabbage salad")
- 10-i, night club
- 11-c, cravat ("necktie")
- 12-e, forceps ("pincers")
- 13-m, rush hour
- 14-j, phonograph ("record player")
- 15-o, square dance

Adapted from Words, Ltd., Molokai, HI 96742

WHAT'S IN A NAME?

In each case, all the letters from one of the two names (either first or last) can be found in the other name, though not in order. For example, all the letters of RICH appear in CHARLIE.

MULTIPLE PERSONALITY

The number is 384: $3 \times 8 \times 4 = 96$, and $96 \times 4 = 384$.

MOVIE MARATHON

Here's our list of answers (one for each letter except E, Q, X, Y, and Z); there are, of course, alternatives to many of these.

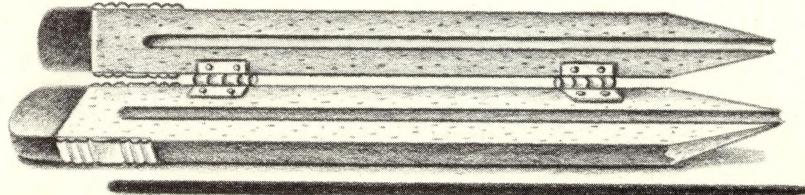
A Anchors Aweigh	M Marathon Man
B Beach Blanket Bingo	N Nicholas Nickleby
C Cross Creek	O One on One
D Doctor Dolittle	P Peyton Place
F Four Friends	R Red River
G Georgy Girl	S Silver Streak
H Hollywood Hotel	T Tora! Tora! Tora!
I Illicit Interlude	U Underworld, USA
J Jeremiah Johnson	V Victor/Victoria
K King Kong	W Wee Willie Winkie
L Lucky Lady	

HIJINKS

1. Sighing
2. Canopy
3. Pasture
4. Redefined
5. Thirsts

NATIONAL LEAGUE

1. French	9. Mexican
2. Scotch	10. Irish
3. Swedish	11. Hungarian
4. English	12. Turkish
5. Russian	13. Swiss
6. German	14. Italian
7. Spanish	15. Japanese
8. Dutch	



A CENTURY PLUS

There are (c) 37,000.

HOMOPHONE HEADS

1. MORNING SUN SHONE IN
MOURNING SON SHOWN INN
2. WOOD ANT CHEWS STAKE
WOULD AUNT CHOOSE STEAK?
3. BARON PEERS THROUGH CELLAR
BARREN PIERS THREW SELLER
4. MINER TIED SUEDE BOWS
MINOR TIDE SWAYED BEAUX
5. MAIL SENT TO PLANE
MALE SCENT TOO PLAIN
6. BETTOR AIRS BREAD DOUGH
BETTER HEIRS BRED DOE
7. FAIR BROOD WON BIER
FARE BREWED ONE BEER
8. HOARSE CANTORS BUY HYMN
HORSE CANTERS BY HIM

LATITUDE ATTITUDE

- 1-b, Athens
- 2-e, Berlin
- 3-d, Cairo
- 4-a, New York
- 5-c, Moscow

RESTATEMENTS

1. MD (Medical Doctor; Maryland)
2. CO (Commanding Officer; Colorado)
3. MA (Master of Arts; Massachusetts)
4. DC (direct current; District of Columbia)
5. OR (operating room; Oregon)
6. VA (Veterans' Administration; Virginia)
7. PA (public address; Pennsylvania)
8. ME (Medical Examiner; Maine)
9. MO (modus operandi; Missouri)
10. ID (identification; Idaho)

DYNAMIC DUOS

The second word in each pair, when reversed, appears in the center of the first word.

PUBLISH AND PARIS

Mr. Ide has a 60% chance of being promoted and hence seeing Paris.

The probability is arrived at as follows:

Probability that the publisher, department, and dean all say yes: $(1 - .30)(.90)(.90) = 0.567$

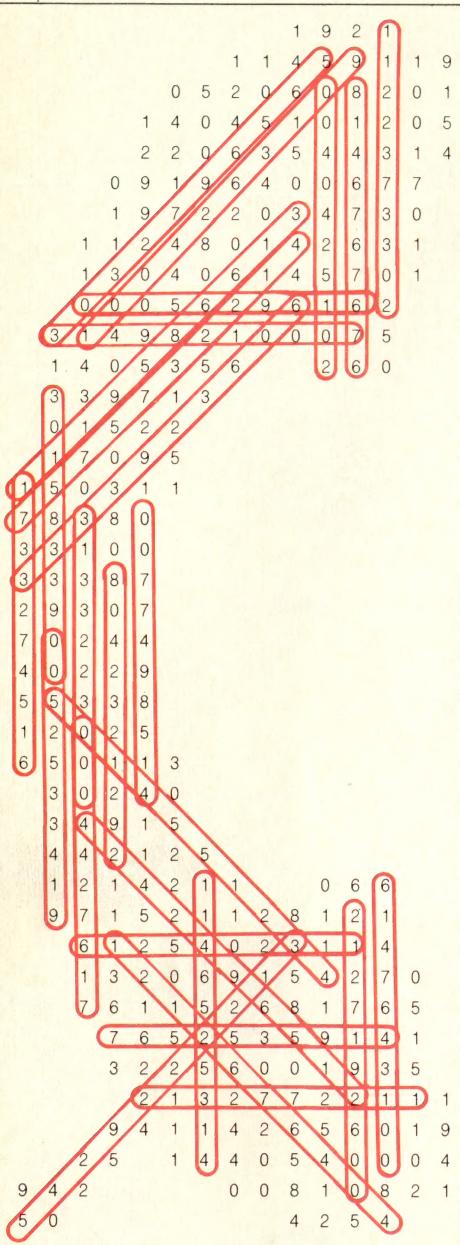
Probability that the publisher says no, but the department, department head, and dean say yes: $(.30)(.50)(1 - .15)(1 - .75) = 0.031875$

Probability that the publisher and department head say no, and the department and dean say yes: $(.30)(.50)(.15)(1 - .95) = 0.001125$

Sum of the probabilities: $0.567 + 0.031875 + 0.001125 = 0.60 = 60\%$

ANSWERS

24 DIRECTORY ASSISTANCE



25 MOOD INDIGO

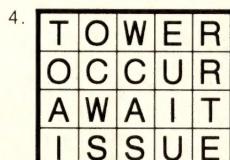
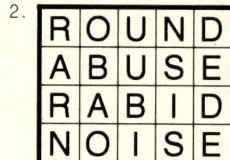


27 STAR-MAKER

- Eric Derek
- Telly Kelly
- Eddie Reddy
- Herman Merman
- Shirley Worley
- Truman Newman
- Howard Coward
- Kitty Twitty
- Candice Landis
- Dean Greene
- Phyllis Willis
- Norman Korman
- Elton Skelton
- Garrison Garrison

35 LETTER LOGIC

Our answers appear below. Yours may differ.



42 JAM SESSION

- Guitar
- Tambourine
- French horn
- Flute
- Harmonica
- Snare drum
- Kazoo
- Bagpipes
- Recorder
- Violin
- Trumpet
- Triangle
- Banjo
- Accordion
- Castanets

25 ON THE RUN

1. Home run	8. Runaway
2. Rerun	9. <i>Blade Runner</i>
3. Runway	10. Runaround
4. Running mate	11. In the long run
5. Roadrunner	12. Bull Run
6. Runner-up	13. Run-D.M.C.
7. Run of the mill	14. Runnymede

RIDDLE MAZE COVER

The riddle reads: What common thing is seen every day, but rarely alone, can be found on a tree, travels extensively, may squeak, is associated with horns and horses, may have a prominent tongue, moves often but never changes jobs, and is known to pinch people? The answer: A shoe.

8 LETTERS

Down for the Count

The earliest occurrence of three consecutive word-factorable numbers is 44,608 through 44,610. "Forty-four thousand six hundred eight" has 32 letters ($44,608 \div 32 = 1394$); "forty-four thousand six hundred nine" has 31 letters ($44,609 \div 31 = 1439$); and "forty-four thousand six hundred ten" has 30 letters ($44,610 \div 30 = 1487$).

39 MAGIC

The queen is between two cards whose sum is 7. Note, too, that this is the only pair of adjacent cards that add up to this total.

EUREKA

Eureka is dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than the one we gave.

* **Going Places** (November, page 19). We were sure there was only one way to fit the 31 travel-related words into the grid we gave—or at least we thought we were sure. But Hedey Fox, of Brooklyn, NY, found that the word LINER could instead go into the seventh row from the top, crossing the I in CARRIAGE and the E in BICYCLE.

* **Wacky Wordies** (September, page 41). In this twist on Wacky Wordies, we showed a three-foot measure within an outline of Scotland, representing the phrase SCOTLAND YARD. In November's Eureka, a reader found another answer: RULE, BRITANNIA. Not to be outdone, David Del Rocco, of Honolulu, HI, sent us still a third interpretation—SCOTCH TAPE. And now, in the words of Inspector Lestrade, "Case closed."

COMING DISTRACTIONS

FEBRUARY

That's Cheating! See if you can call our bluff and flush out the fourflushers in this historical survey of handedness.

This & That Wait & see the ins & outs of this fair & square mix & match collage.

Family Food Our fridge was chock full in the morning. Can you figure out in what order the goodies disappeared?

Contest Results Take 3 from September, and Wit Twisters from October.

Plus A new word contest, and one last batch of Wacky Wordies.

On sale at newsstands
January 12

Marlboro Lights

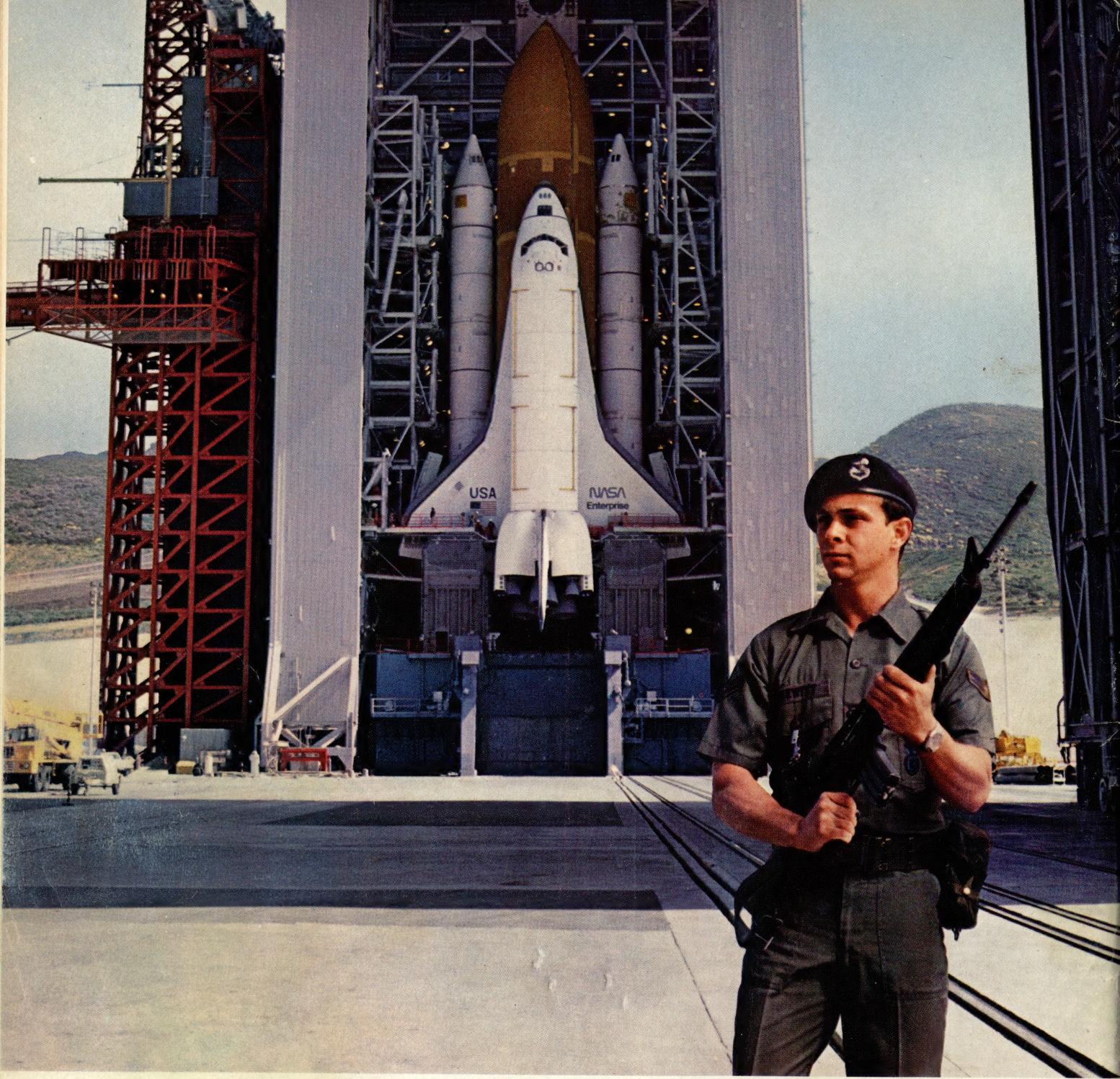
The spirit of Marlboro
in a low tar cigarette.



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SURGEON GENERAL'S WARNING: Smoking Causes Lung Cancer, Heart Disease, Emphysema, And May Complicate Pregnancy.

10 mg "tar," 0.7 mg nicotine av. per cigarette, FTC Report Feb.'85



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